

JVC

SERVICE MANUAL

STEREO DOUBLE CASSETTE DECK RECEIVER

DR-E5BK
MODEL No. DR-E5LBK



This unit is almost the same as the DR-E22BK/DR-E22LBK. The differences are listed herein. When using this Service Manual, refer to the previously published DR-E22BK/DR-E22LBK Service Manual (No. 2940, Aug. 1986).

Difference of Specifications

Output Power (Amplifier Section)

DR-E22BK/LBK : 40 watts per channel,.....
DR-E5BK/LBK : 50 watts per channel,.....

New Parts

1. Exploded View Parts List

Refer to page 2-4 in the DR-E22BK/LBK Service Manual.

Parts Name	Item No.	Parts Number		Areas
		DR-E22BK/LBK	DR-E5BK/LBK	
Front Panel Ass'y	1	EFP-DRE22BK EFP-DRE22LBK	EFP-DRE5BK EFP-DRE5LBK	A, P, PG, U LE, LG, LBS
Front Panel	1-1	E11339-001 E11339-002	E11339-005 E11339-006	A, P, PG, U LE, LG, LBS
Amp. Window	1-2	E25420-002	E25420-003	
Tuner Window	1-3	E25418-003 E25418-004	E25418-005 E25418-006	A, P, PG, U LE, LG, LBS
Cassette Panel	1-4	E304326-002	E304326-003	
Sheet	1-7	E72437-005	E72437-007	
Screen	1-8	E72436-004	E72436-007	
Cassette Lid(A)	7	E304322-004	E304322-005	
Indicator Plate(A)	8	E73305-006	E73305-007	
Cassette Lid(B)	10	E304324-004	E304324-005	
Indicator Plate(B)	11	E73305-005	E73305-008	
Metal Cover	23	E25415-004	E25415-003	
Heat Sink	68	E304306-001	E304306-003	
Leaf Spring	69	E72894-001	E73875-001	
Cover	70	E73646-001	E73876-001	
Power Button	71	E303883-008	E303883-009	
Power Transformer	76	ETP1050-12EA ETP1050-12FA ETP1050-12EABS	ETP1100-15EA ETP1100-15FA ETP1100-15EABS	A, LE, LG U, P, PG LBS
Fuse	79	QMF51A2-1R0S QMF51E2-1R0SBS QMF51A2-2R0S	QMF51A2-1R25S QMF51E2-1R25SBS QMF51A2-2R5S	A, LE, LG LBS P, PG, U
	80	QMF51A2-1R0S	QMF51A2-1R25S	P, PG, U
Rear Panel	83	E25413-003 E25413-004 E25413-005 E25413-006 E25413-007 E25413-012	E25413-014 E25308-015 E25308-016 E25308-017 E25308-018 -----	P, PG, U A LE LG LBS France only
Stay Bracket	88	E73709-001	-----	(Elimination)
Transf. Bracket (Under the Power Transformer)	--	-----	E304610-001	(Addition)

2. Printed Circuit Board Ass'y Parts List

Refer to page 2-17 in the DR-E22BK/LBK Service Manual.

ENJ-012 ☐ Audio P.C. Board Ass'y

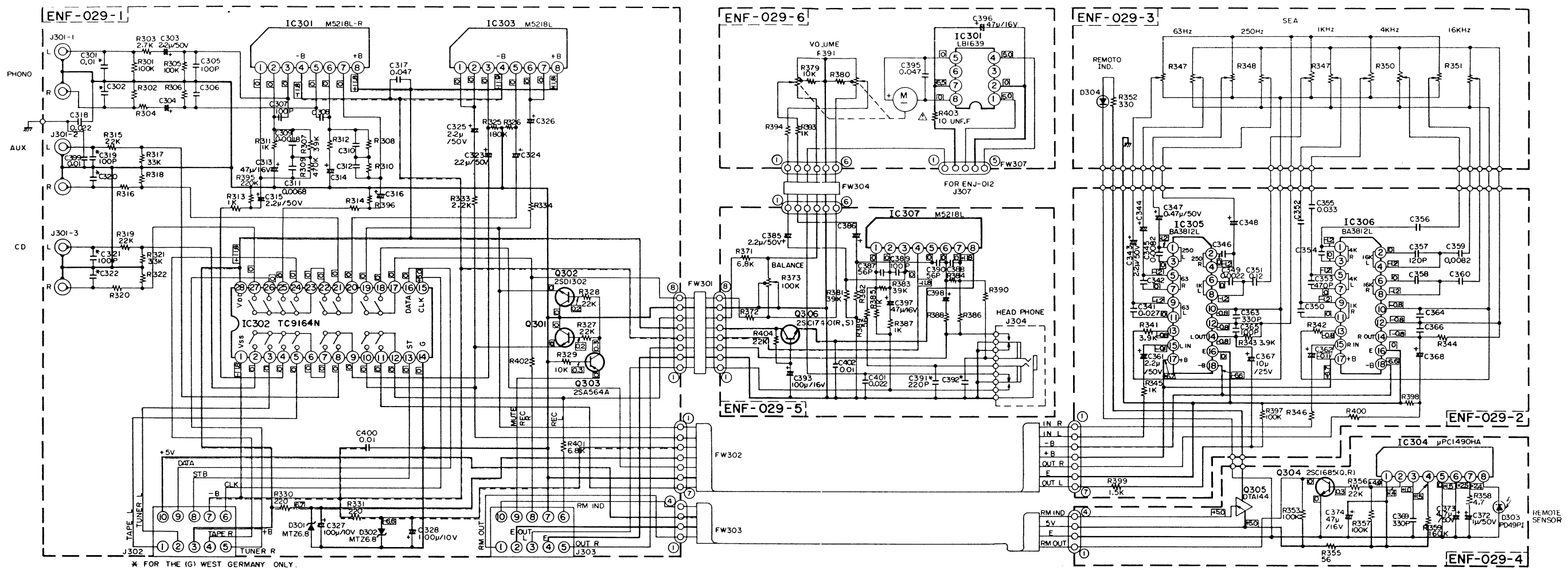
Note

Designated Areas	P.C. Board Number		Areas
	DR-E22BK/LBK	DR-E5BK/LBK	
U.S. Military Market and Other Countries	ENJ-012C	ENJ-012H	P, PG, U
U.K.	ENJ-012DBS	ENJ-012IBS	LBS
Europe, Australia	ENJ-012E	ENJ-012J	A, LE
West Germany	ENJ-012F	ENJ-012K	LG

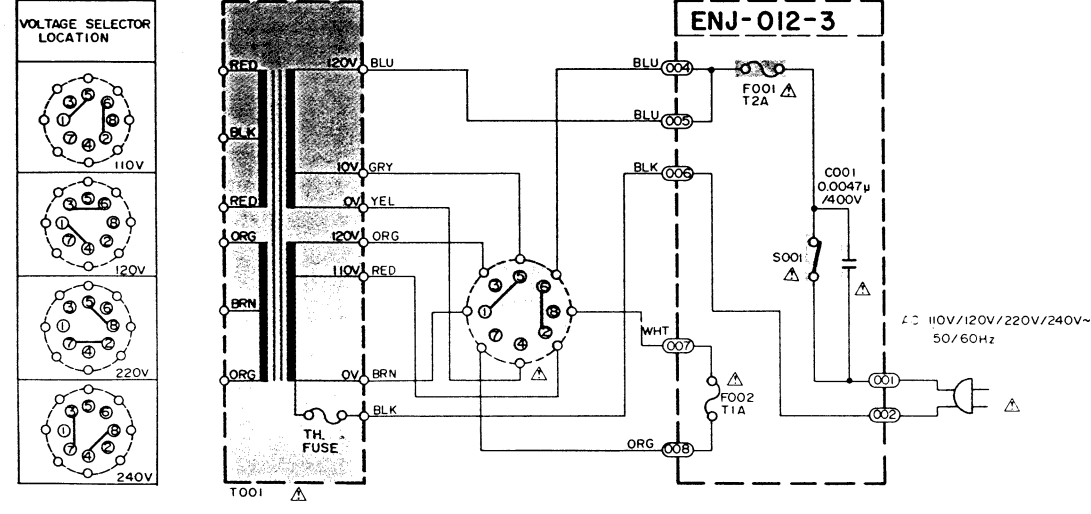
Electrical Parts

Parts Name	Item No.	Parts Number		Remarks
		DR-E22BK/LBK	DR-E5BK/LBK	
Silicon Transistor	Q501	2SC1741A(Q, R)	2SC2240 (GR)	
Silicon Transistor	Q502	2SA564A(Q, R)	2SA970 (GR)	
Integrated Circuit	IC50	STK4161MK5	STK4181MK5	
Zener Diode	D504	MTZ9.1C	MTZ12JC	
Silicon Diode	D559	1SS133	1SS147	
Silicon Diode	D560	1SS133	1SS147	
Ceramic Capacitor	C505	QCS21HJ-820	QCS21HJ-151	82pF → 150pF
Ceramic Capacitor	C506	QCS21HJ-820	QCS21HJ-151	82pF → 150pF
Carbon Resistor	R505	QRD161J-471	QRD161J-431	470Ω → 430Ω
Carbon Resistor	R506	QRD161J-471	QRD161J-431	470Ω → 430Ω
UNF Carbon Resistor	R511	QRD145J-272S	QRD145J-332S	2.7kΩ → 3.3kΩ
UNF Carbon Resistor	R512	QRD145J-272S	QRD145J-332S	2.7kΩ → 3.3kΩ
UNF Carbon Resistor	R513	QRD145J-272S	QRD145J-332S	2.7kΩ → 3.3kΩ
UNF Carbon Resistor	R514	QRD145J-272S	QRD145J-332S	2.7kΩ → 3.3kΩ
Carbon Resistor	R525	QRD161J-103	QRD161J-223	10kΩ → 22kΩ
Carbon Resistor	R526	QRD161J-333	QRD161J-223	33kΩ → 22kΩ
O.M. Film Resistor	R528	QRG022J-391AM	QRG022J-561AM	390Ω → 560Ω

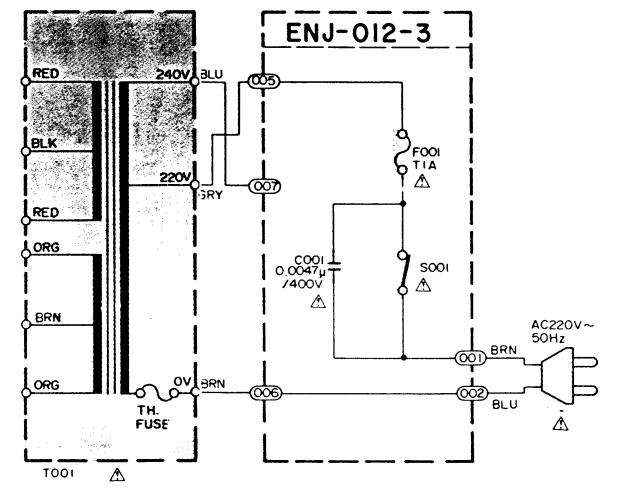
(3) SEA & Source Selector Section



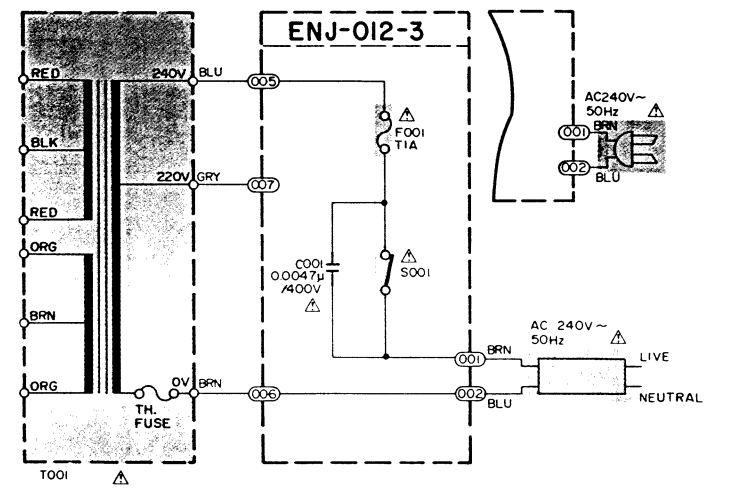
(U) FOR OTHER COUNTRIES & (P)(PG) FOR PACEX



(G) FOR WEST GERMANY
(E) FOR CONTINENTAL EUROPE



(BS) FOR U.K.



(A) FOR AUSTRALIA

(5) Table of Terminal Voltage

ENJ-012-1

IC501	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	-0.1	-0.1	0	-9.4	-13	0	0	0	-41.1	0	41.1	39.1	0	-40.1	-13	0	-0.1	-0.1
IC502	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	-0.6	0	0	0	-0.7	1	0	13	3.0									
IC601	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	0.3	0	0.3	0	0	0	0	0	0	0	0.3	0	0	0	0.3	0	0	0
IC602	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	5.1	5.1	0.7	5.1	0	0	0	0	0.5	0.5	5.1	0	0	0	0	0	5.1	5.1
IC631	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	0	0	0	0	0	50	118	118	50	0	0	0	0	0	0	0	0	0

Q501			Q502			Q551			Q552			Q553			Q554			Q555			Q556		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
-40.0	0		4.9	1	5.5	11.1	22.7	9.8	11.1	22.7	10.5	22.1	11.6	22.8	21.5	11.6	22.1	11.6	21.5	11.0	9.1	9.9	5.6
Q557			Q558			Q559			Q611			Q631			Q632			Q633			Q634		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
-12.9	-22.7	-12.3	-13.5	-22.7	-12.9	5.7	9.9	5.1	0	9.3	0	11.6	11.6	11.6	0	11.5	0	4.4	0	0	4.5	0	0
Q651			Q652			Q654			Q655			Q656			Q657			Q658			Q659		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
5.0	0	0	5.0	0	0	-0.2	5.1	0	0	0	0	5.1	0	5.1	0.6	0	0	0.6	0	0	4.3	4.9	4.9
Q660			Q661			Q662			Q663			Q664			Q665			Q666			Q667		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
5.1	0	5.1	0.6	0	0	0.6	0	0	0	5.1	0	0.1	5.1	0	0.6	1.9	0	5.0	0	0	5.1	0	0
Q668			Q645																				
B	C	E	B	C	E																		
0.1	6.4	0	4.4	0	0																		

FW601	1	2	3	4	5	6	7	8
	12.0	0	0	0	0.3	0.3	10.2	0
FW602	1	2	3	4	5	6	7	8
	12.0	0	0	0	0.3	0.3	0	0

J307	1	2	3	4	5	J452	1	2	3	4	5	6	7	8	J453	1	2	3	4	5	6	7
	0	5.7	0	5.1	5.0		0	5.1	5.1	5.1	0	0	0	5.1		5.1	5.1	5.1	0.3	5.1	5.1	5.1
J454	1	2	3	4	5	6	7															
	5.1	5.1	0	0	0	0																

P455	1	2	3	4	5	6	7	P456	1	2	3	4	5	6	P604	1	2
	3.2	5.1	5.1	5.1	5.1	5.1	5.1		3.2	5.1	5.1	5.1	5.1	5.1		5.1	0

ENJ-004

IC701	1	2	3	4	5	6	7	8	IC702	1	2	3	4	5	6	7	8
	1.1	0.7	2.9	9.6	0	2.8	0.7	1.1		1.1	0.7	4.3	0.2	0	2.8	0.7	1.1

Q701	Q702	Q751	Q752	Q753	Q754	Q803	Q804
G S D	G S D	G S D	G S D	G S D	G S D	B C E	B C E
3.5 2.9 2.9	3.4 2.8 2.8	0 4.1 4.1	0 4.1 4.1	0 2.8 2.8	0 2.8 2.8	1.7 6.1 1.1	1.7 6.1 1.1
Q805	Q806	Q807	Q808	Q809	Q810	Q811	Q812
B C E	B C E	B C E	B C E	B C E	B C E	B C E	B C E
0.6 0 0	0.6 0 0	13.8 1.1 2.6	13.8 1.1 2.6	0 0 1.1	0 0 1.1	0 0 1.0	0 0 1.0

ENJ-011

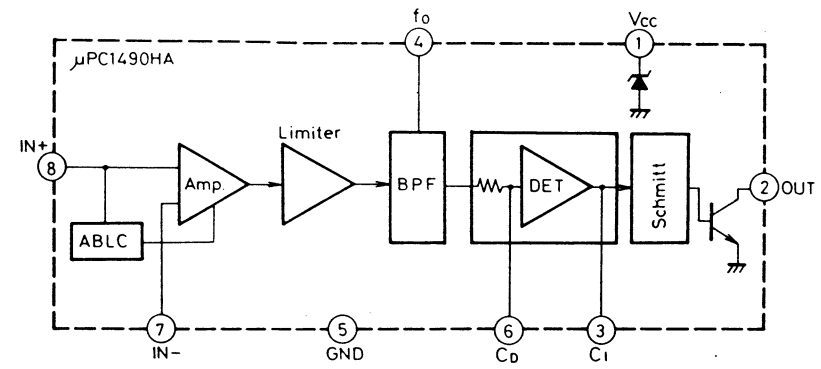
IC901	1	2	3	4	5	6	7	8	IC902	1	2	3	4	5	6	7	8
	6.4	6.2	6.0	0	6.0	6.2	6.4	12.1		6.4	6.1	6.4	6.1	6.1	0	0	0
IC903	1	2	3	4	5	6	7	8	IC904	1	2	3	4	5	6	7	8
	6.1	6.1	6.1	6.2	6.2	6.2	6.2	0		6.1	6.1	6.1	6.2	6.2	6.2	6.2	0

Q901			Q902			Q903			Q904			Q905			Q906			Q907			Q908		
B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0	12.1	0	0	12.1	0	0	12.1	0	0	12.1	0
Q909			Q910			Q911																	
B	C	E	B	C	E	B	C	E															
0	0	0	0	0	0	0.6	0	0															

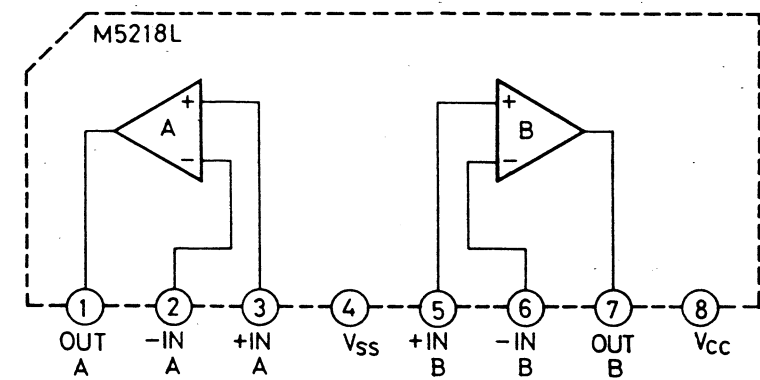
ENC-031-1, ENC-031-3, ENC-031-4

IC451	1	2	3	4	5	6	7	8	9	IC452	1	2	3	4	5	6	7	8
	0	0	0	0	9.8	0.1	0.1	0	0		0	0	0	0	0	5.7	0	0
IC453	1	2	3	4	5	6	7	8	9	IC454	1	2	3	4	5	6	7	8
	0	0	0	0	9.8	0.2	0.2	0	0		0	0	0	0	0	5.7	0	0

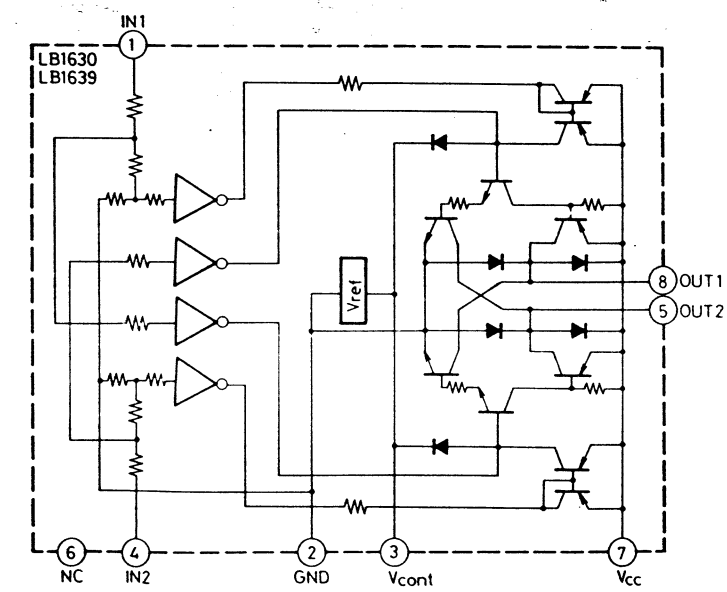
IC304 : μ PC1490HA



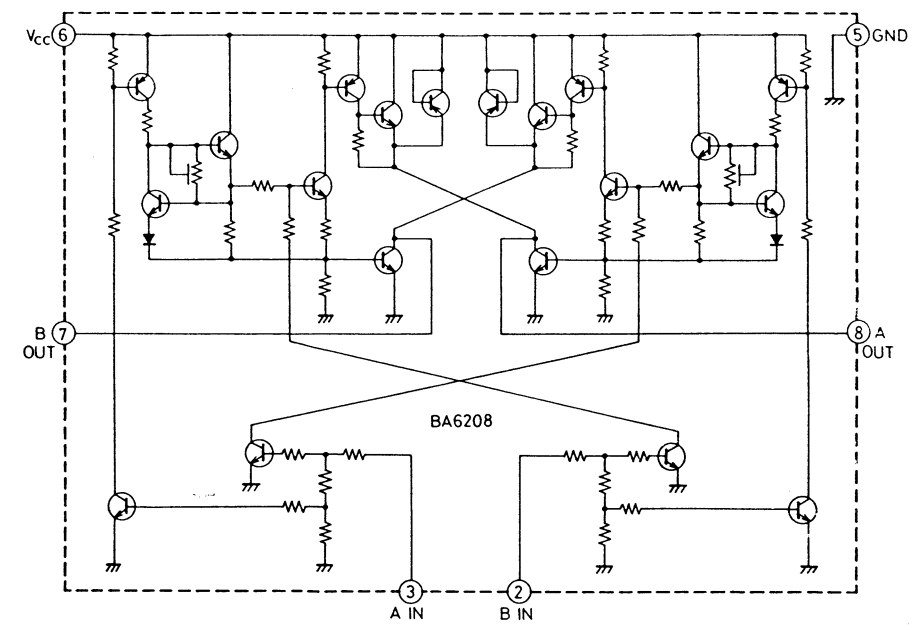
IC301, IC303, IC307: M5218L



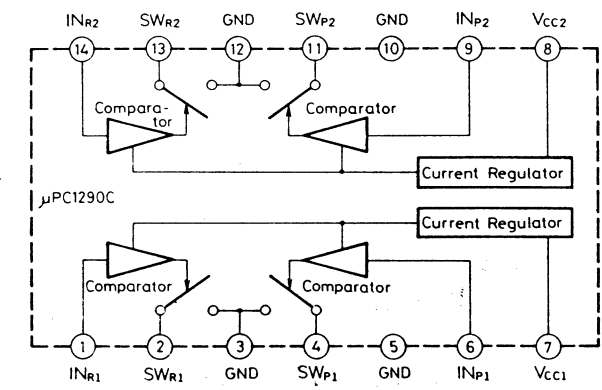
IC301, IC452, IC454 : LB1639



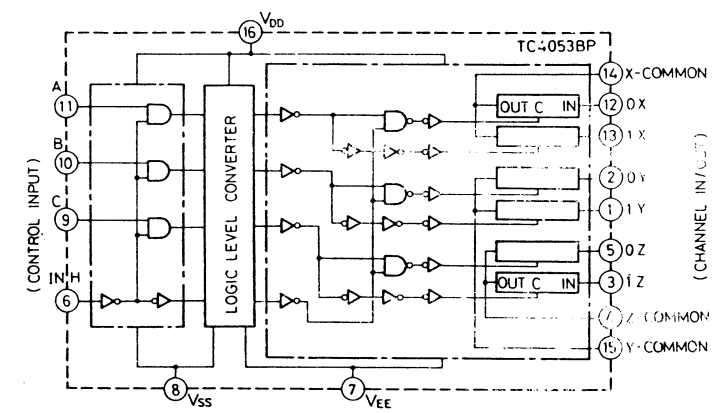
IC451, IC453 : BA6208



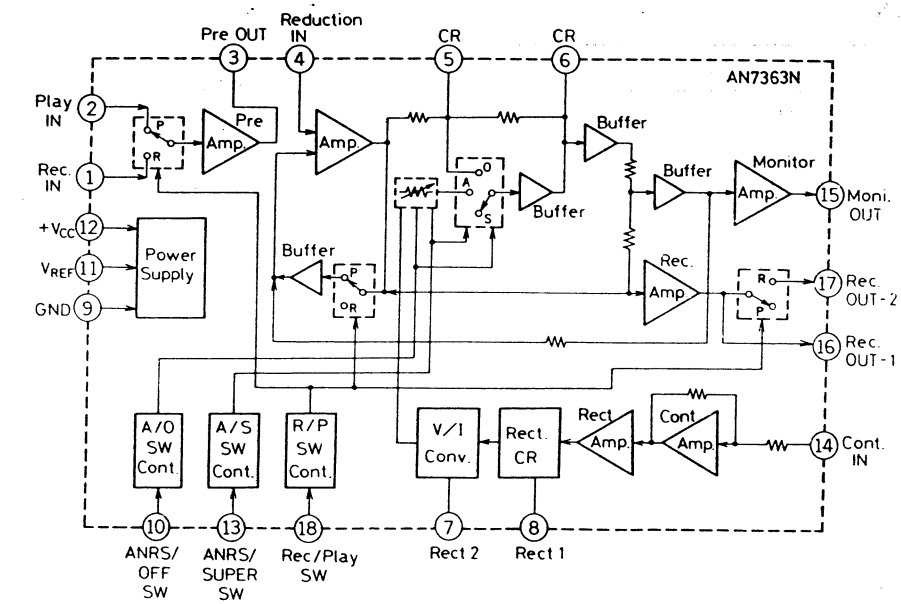
IC631 : μ PC1290C



IC902 : TC4053BP

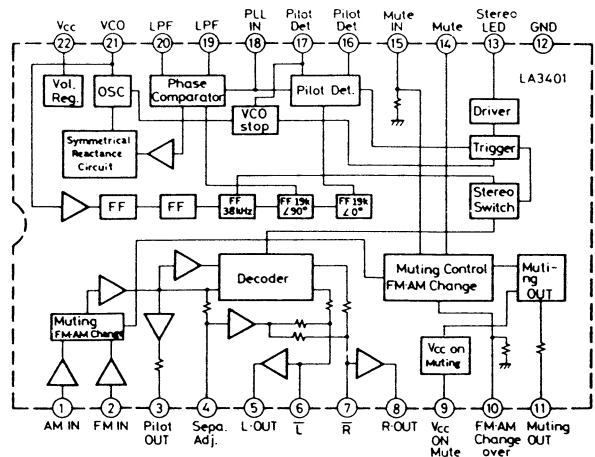


IC903, IC904 : AN7363N

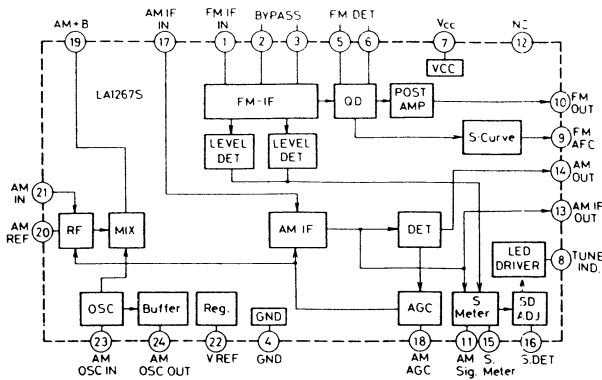


Internal Block Diagrams of Major ICs

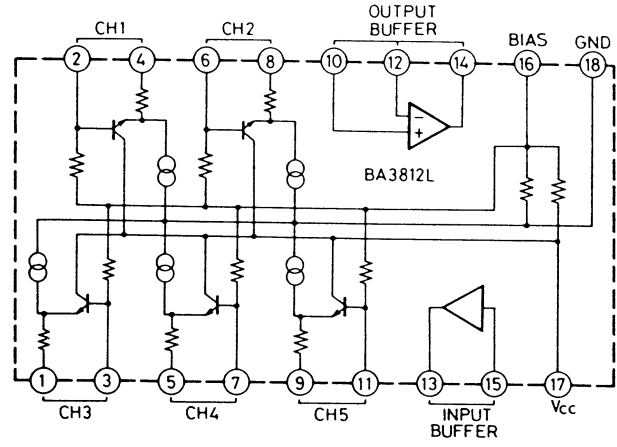
IC171 : LA3401



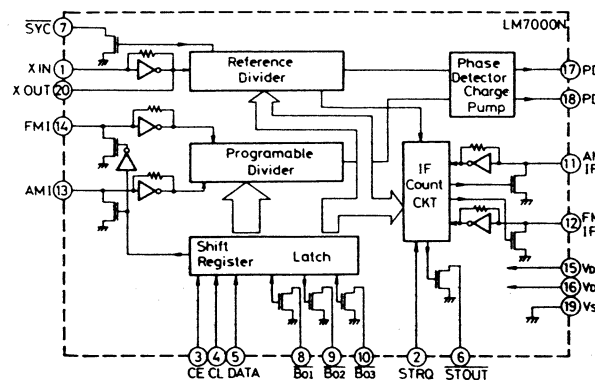
IC131 : LA1267S



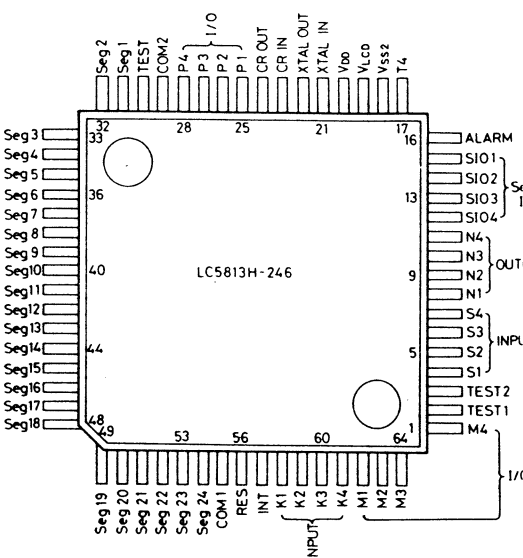
IC305, IC306: BA3812L



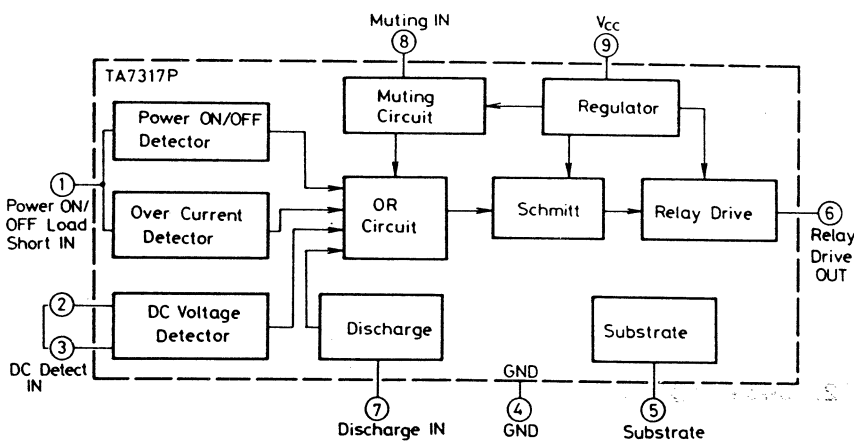
IC241 : LM7000N



IC261 : LC5813H-246



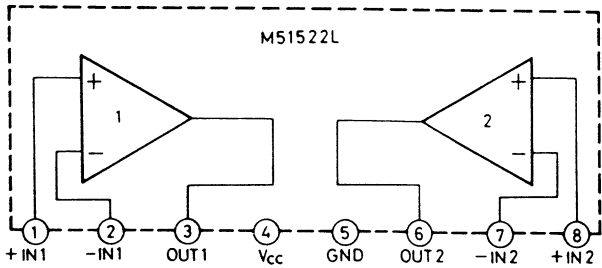
IC502 : TA7317P



IC241 : LM7000N

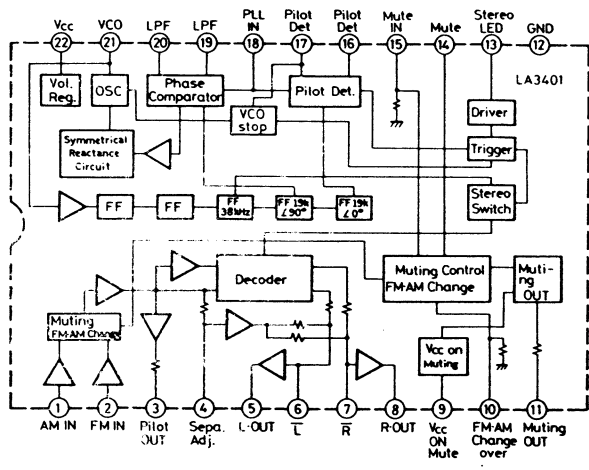
Terminal Name	Function
SYC	Clock(400kHz) for controller
XIN,XOUT	Crystal oscillator(3.6MHz) Included the feedback resistor.
FMI,AMI	Local oscillator signal input
CE,CL,DATA	Data input
B01,B02,B03	Band data output
STRQ	Request of IF counter input
STOUT	Auto-search stop signal output
Vdd1,Vdd2,Vss	Power supply(Vdd2:for back-up)
AMIF,FMIF	IF signal input
PD1,PD2	Charge pump output

IC701, IC702 : M51522L

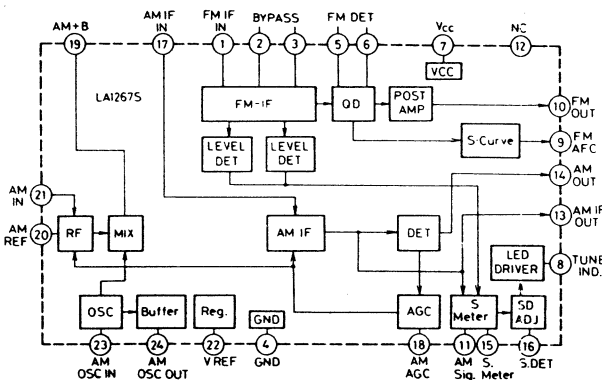


Internal Block Diagrams of Major ICs

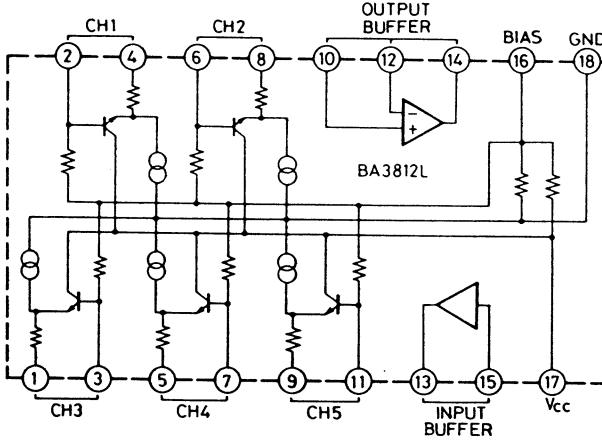
IC171 : LA3401



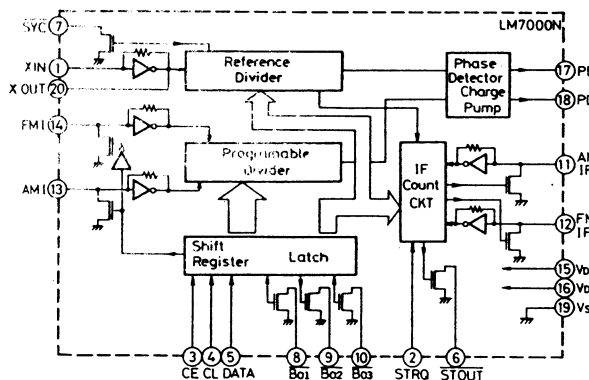
IC131 : LA1267S



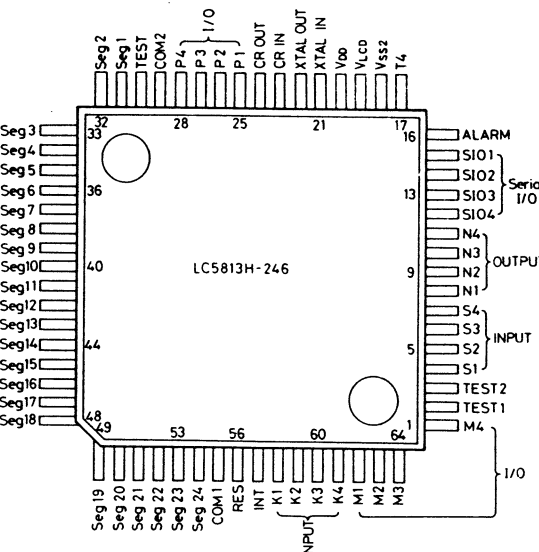
IC305, IC306: BA3812L



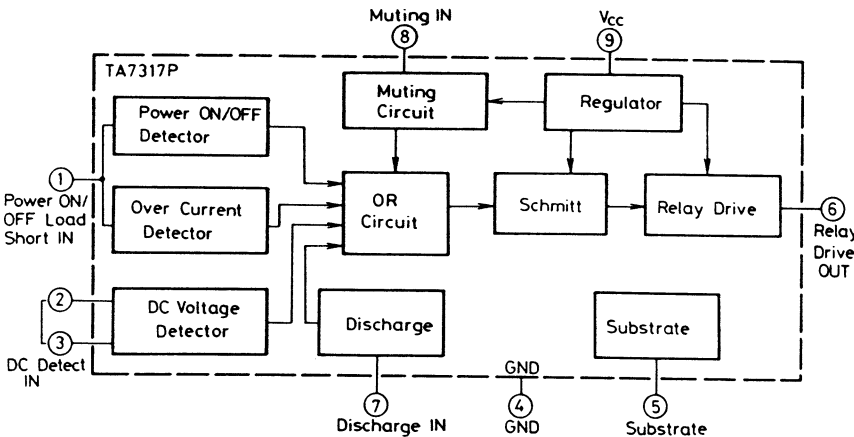
IC241 : LM7000N



IC261 : LC5813H-246



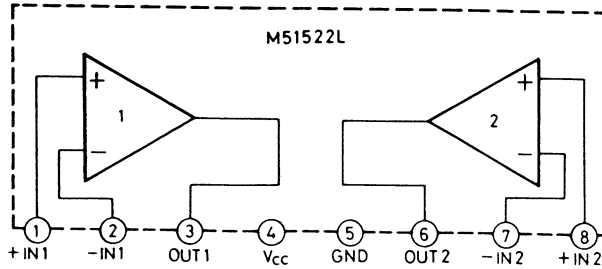
IC502 : TA7317P



IC241 : LM7000N

Terminal Name	Function
SYC	Clock(400kHz) for controller
XIN,XOUT	Crystal oscillator(3.6MHz) Included the feedback resistor.
FMI,AMI	Local oscillator signal input
CE,CL,DATA	Data input
B01,B02,B03	Band data output
STRQ	Request of IF counter input
STOUT	Auto-search stop signal output
Vdd1,Vdd2,Vss	Power supply(Vdd2:for back-up)
AMIF,FMIF	IF signal input
PD1,PD2	Charge pump output

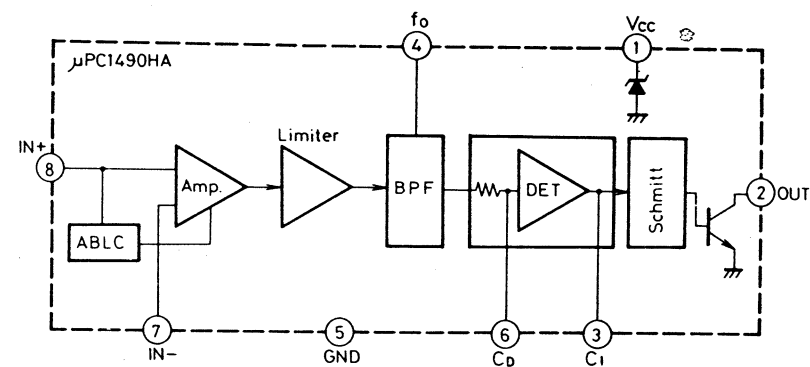
IC701, IC702 : M51522L



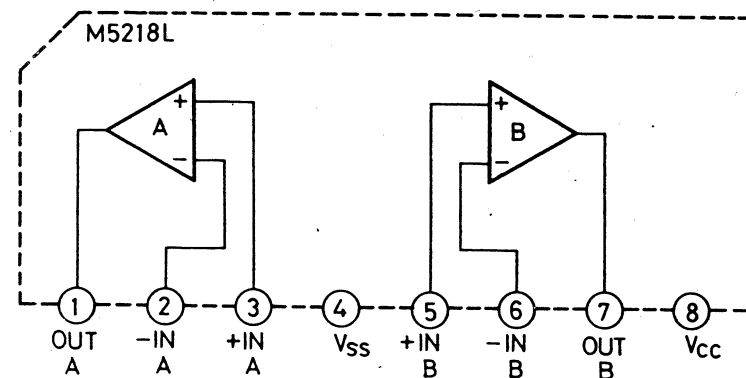
DR-E22BK
DR-E22LBK

DR-E22BK
DR-E22LBK

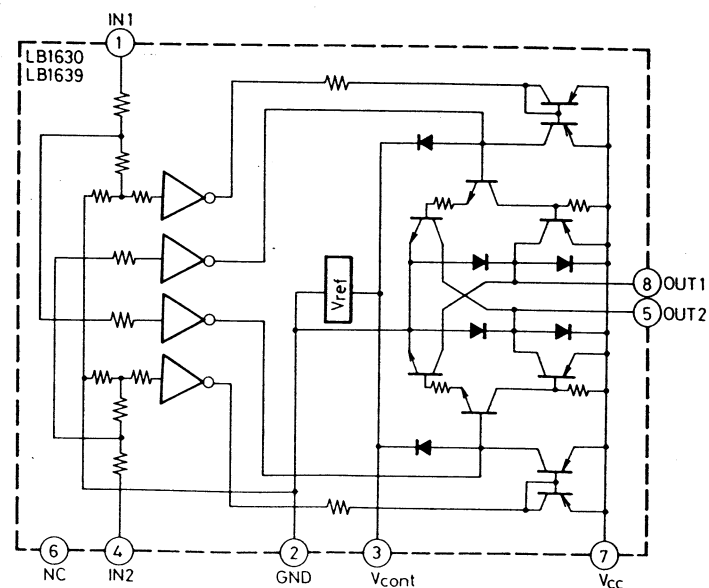
IC304 : μ PC1490HA



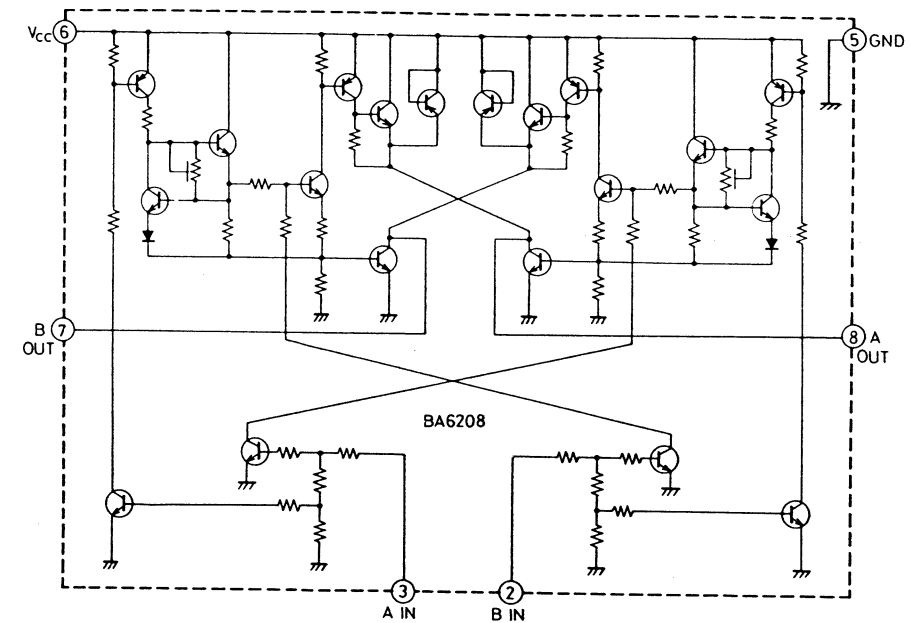
IC301, IC303, IC307: M5218L



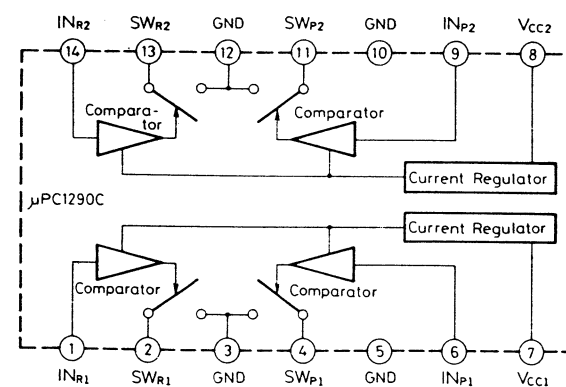
IC301, IC452, IC454 : LB1639



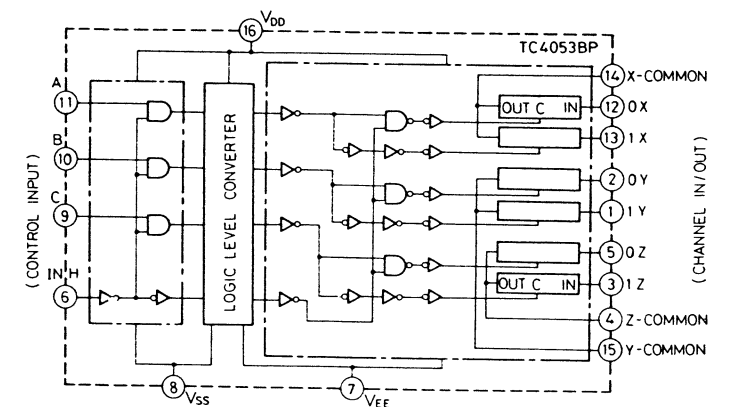
IC451, IC453 : BA6208



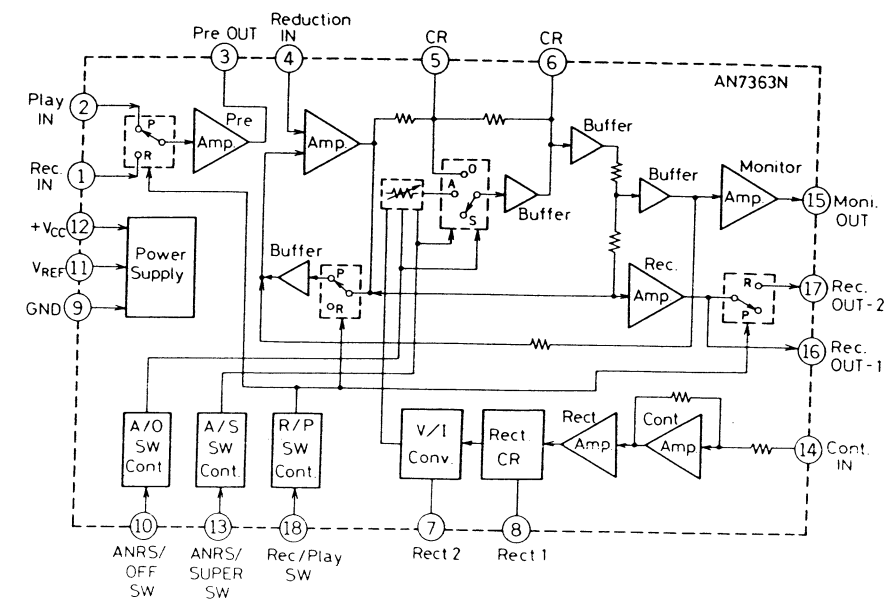
IC631 : μ PC1290C



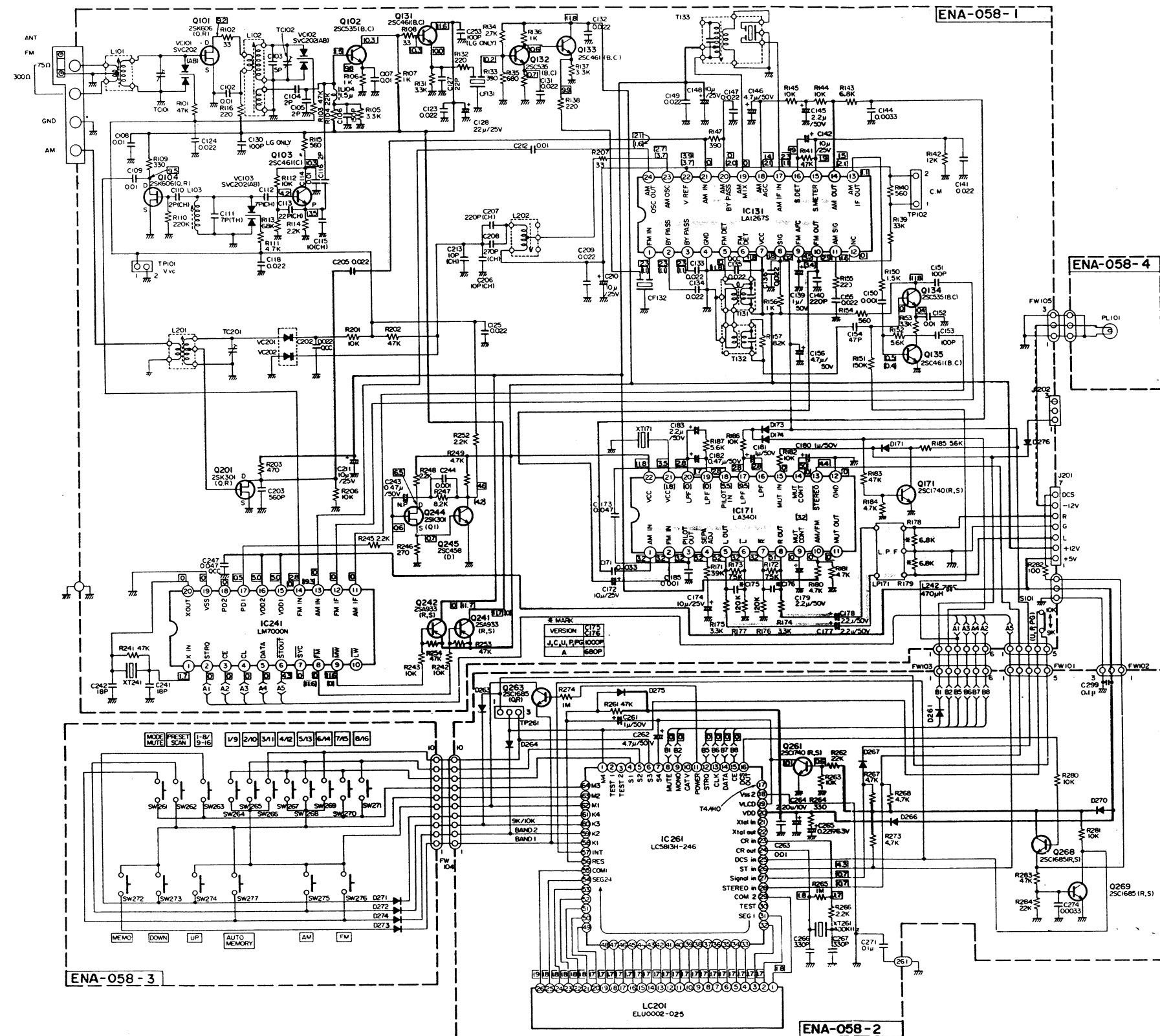
IC902 : TC4053BP









IC903, IC904 : AN7363N



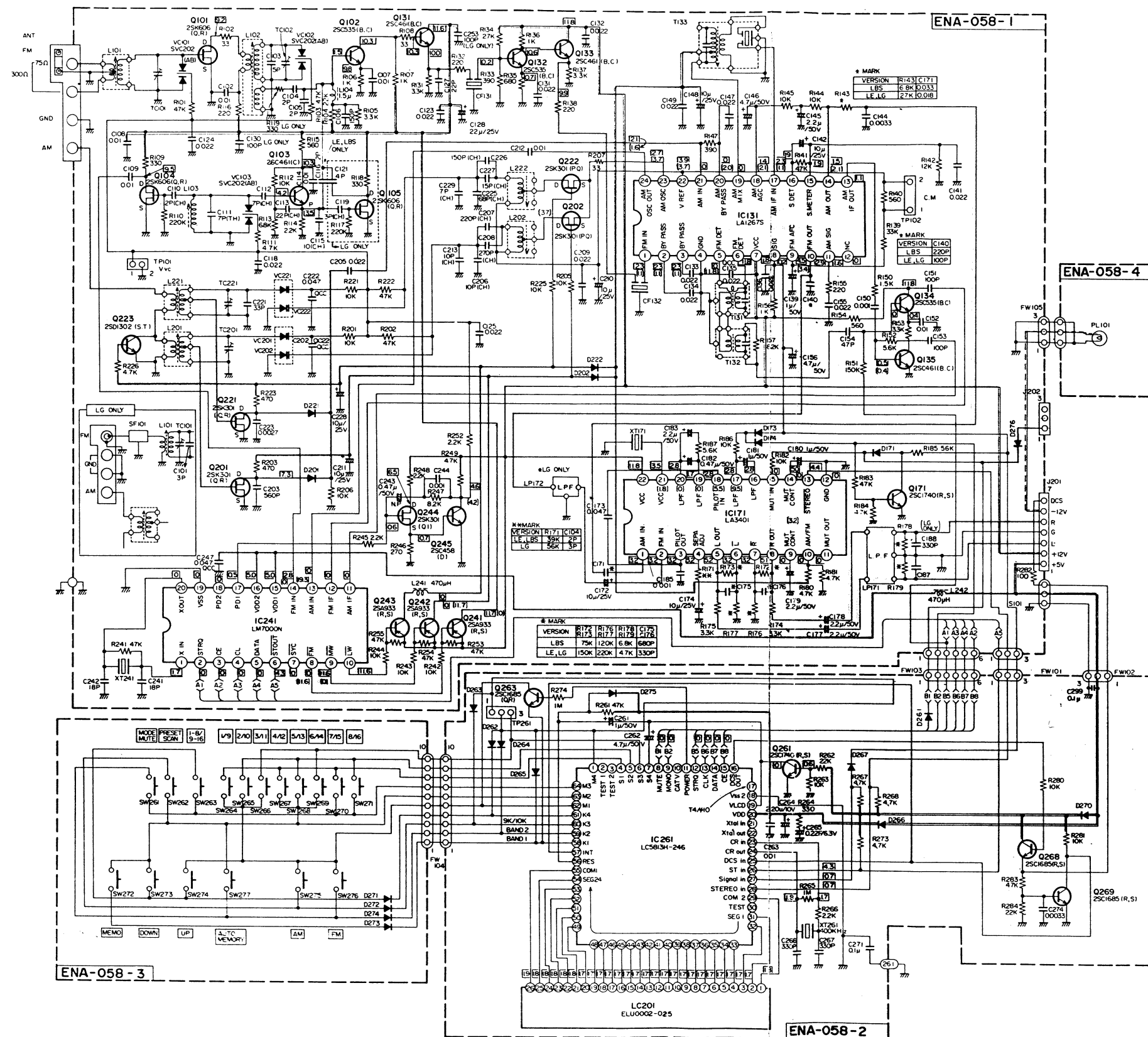
Schematic Diagrams (1) FM/AM Tuner Section



Notes:

1.  shows DC voltage to the chassis with no signal input.
2.  indicates positive B power supply.
3.  indicates negative B power supply.
4.  indicates signal path.
5. When replacing the parts in the darkened are () and those marked with  , be sure to use the designated parts to ensure safety.
6. This is the standard circuit diagram.
- The design and contents are subject to change without notice.

(2) FM/MW/LW Tuner Section



Notes:

1. shows DC voltage to the chassis with no signal input.
2. indicates positive B power supply.
3. indicates negative B power supply.
4. indicates signal path.
5. When replacing the parts in the darkened are () and those marked with Δ , be sure to use the designated parts to ensure safety.
6. This is the standard circuit diagram.
The design and contents are subject to change without notice.

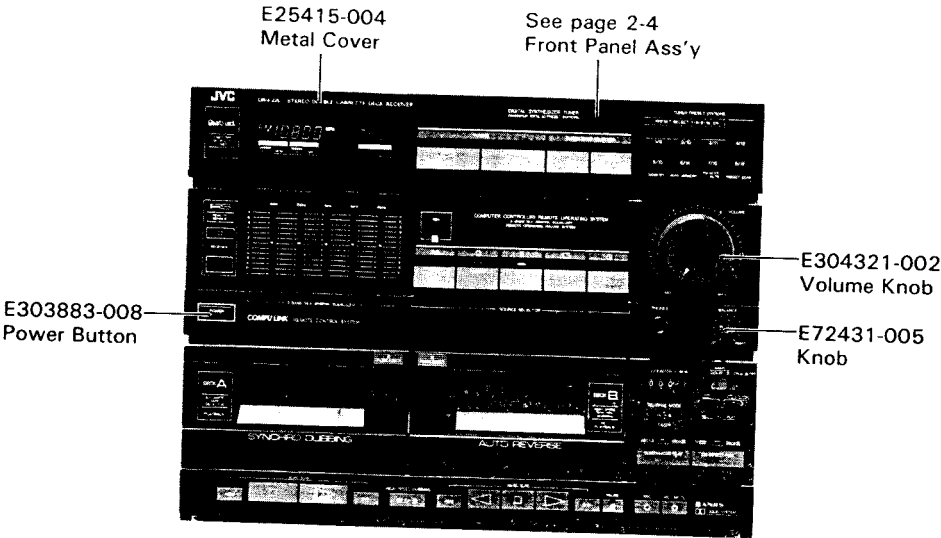
PARTS LIST

Contents

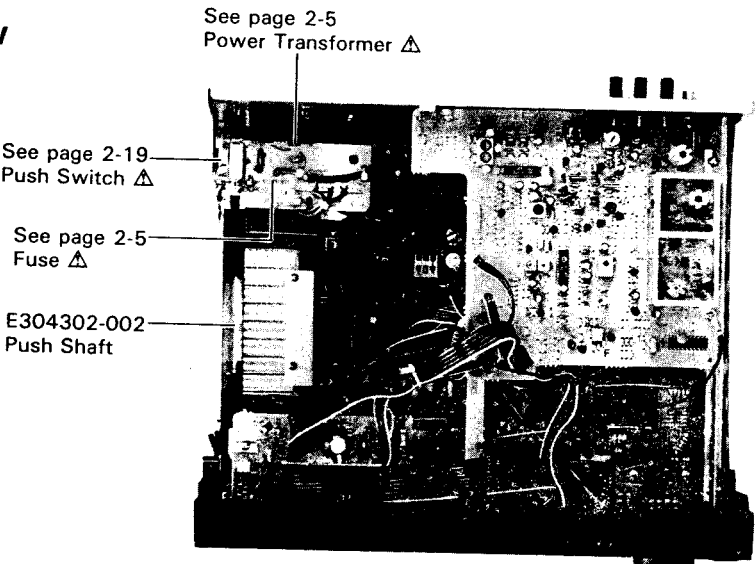
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■ Front View	2-2
■ Rear View	2-2
Exploded View and Parts List	2-3
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Main Parts Locations

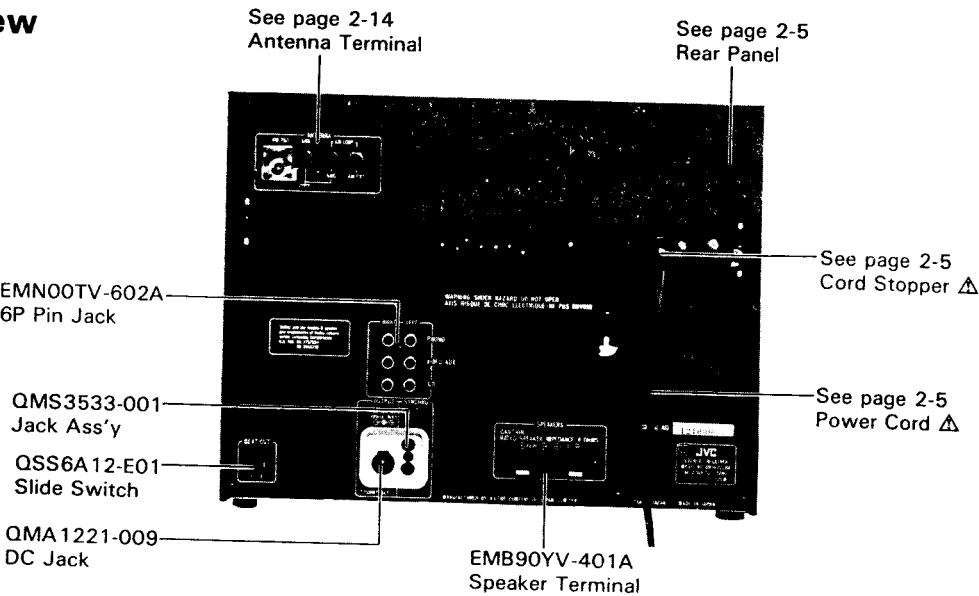
■ Front View



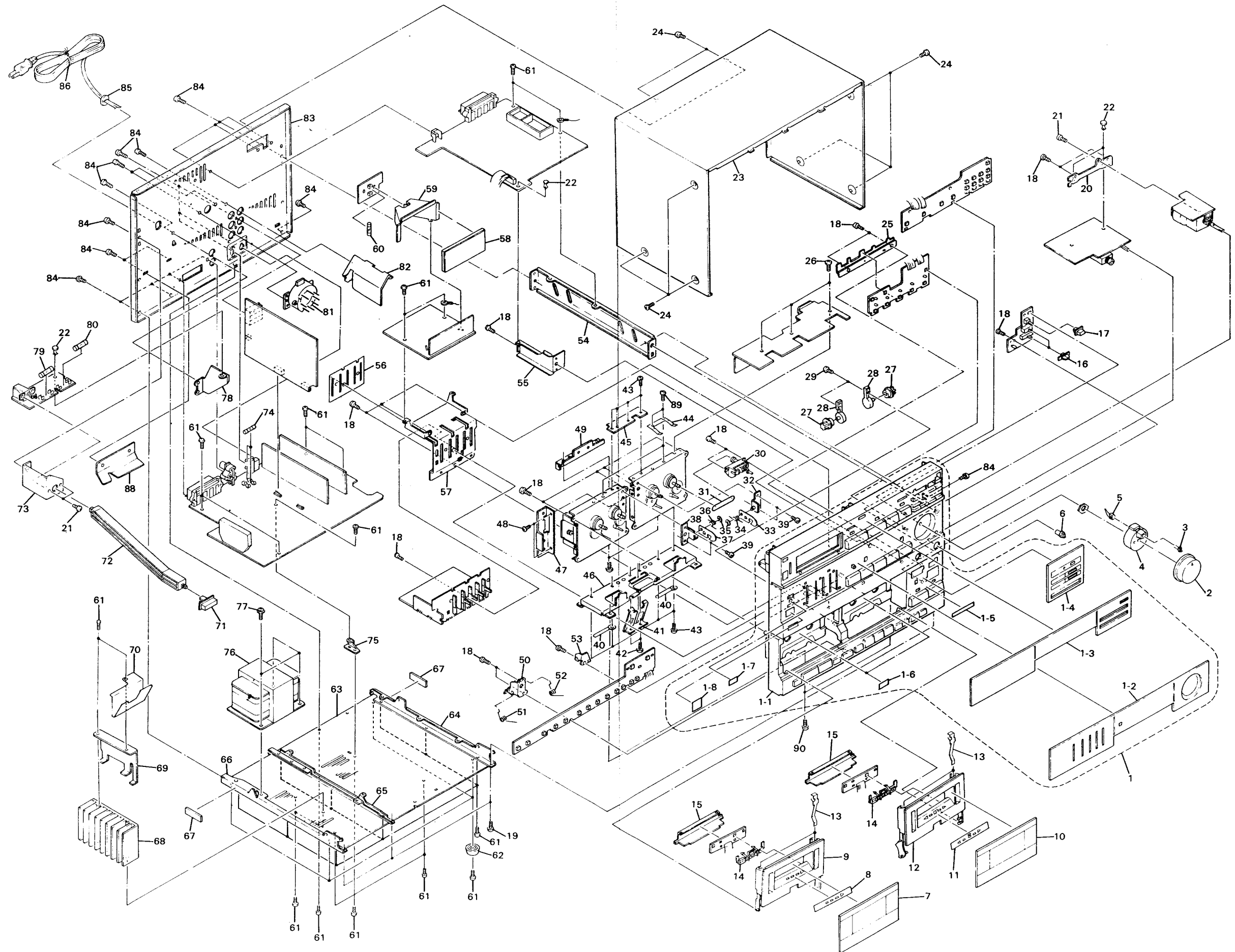
■ Top View



■ Rear View



Exploded View and Parts Numbers



■ Exploded View and Parts List

△	Item No.	Part Number	Part Name	Q'ty	Description	Areas
	1	EFP-DRE22BK	Front Panel Ass'y	1		A,P,PG,U
	1-1	EFP-DRE22LBK	Front Panel Ass'y	1		LE,LG,LBS
		E11339-001	Front Panel	1		A,P,PG,U
		E11339-002	Front Panel	1		LE,LG,LBS
	1-2	E25420-002	Amp. Window	1		
	1-3	E25418-003	Tuner Window	1		A,P,PG,U
		E25418-004	Tuner Window	1		LE,LG,LBS
	1-4	E304326-002	Cassette Panel	1		
	1-5	E72437-004	Sheet	1		
	1-6	E69777-001	Ref. Plate	2		
	1-7	E72437-005	Sheet	1		
	1-8	E72436-004	Screen	1		
	2	E304321-002	Volume Knob	1		
	3	SLT-25VR44F	L.E.D.	1	Red	
	4	E304320-002	Holder	1		
	5	EWS142-003	Socket Wire Ass'y	1		
	6	E72431-005	Knob	1		
	7	E304322-004	Cassette Lid	1	Deck A	
	8	E73305-006	Indicator Plate	1	A	
	9	E25411-002	Cassette Holder	1		
	10	E304324-004	Cassette Lid	1	Deck B	
	11	E73305-005	Indicator Plate	1	B	
	12	E25412-002	Cassette Holder	1		
	13	VKY4180-001	Holder Spring	4		
	14	E304362-002	L.E.D. Holder	2		
	15	E73308-001	Holder Cover	2		
	16	E73119-001	Slide Knob	2		
	17	E71716-002	Push Button	1		
	18	SBSF3008Z	Screw	14		
	19	SBSF3008M	Screw	3		
	20	E304300-002	Volume Bracket	1		
	21	SBST3006Z	Screw	3		
	22	E48729-008	Plastic Rivet	3		
	23	E25415-004	Metal Cover	1		
	24	SDSE3008M	Screw	8		
	25	E73328-001	Bracket	1		
	26	SPST2608Z	Screw	6		
	27	E73310-001	Damper Gear	2		
	28	E73311-001	Damper Holder	2		
	29	SBSF3012Z	Screw	2		
	30	E304340-001	Counter	1		
	31	E73318-001	Counter Belt	1		
	32	VKL5500-002	Lock Bracket (R)	1	B Mechanism	
	33	VKL5345-002	Lock Cam (B)	1	B Mechanism	
	34	VKW3006-074	Spring	1	B Mechanism	
	35	REE2000	E Ring	2		
	36	VKW3006-073	Spring	1	A Mechanism	
	37	VKL5342-002	Lock Cam (A)	1	A Mechanism	
	38	VKK5501-00A	Lock Bracket (L)	1	A Mechanism	
	39	SSST2605Z	Screw	4		
	40	VKZ4001-009	Wire Holder	2		
	41	VKH5924-002	Spring	1		
	42	SDST2603Z	Screw	2		
	43	SDSP3004Z	Screw	8		
	44	VKY4279-001	Pack Spring	2		
	45	VKL5948-001	Bracket	1		
	46	VKL3827-001	Bracket	1		
	47	VKL5964-001	Bracket	1		
	48	SDST2605Z	Screw	2		
	49	VKL6088-001	Joint Bracket	1		
	50	E73312-001	Holder Bracket A	1		
	51	E73314-002	Holder Spring	1		
	52	E73315-002	Holder Spring	1		
	53	E73313-001	Holder Bracket B	1		
	54	E304304-001	Side Bracket	1		
	55	E304335-001	Stay Bracket	1		
	56	E73367-001	Spacer	1		
	57	E304334-002	LCD Bracket	1		

△ : Safety parts

△	Item	Part Number	Part Name	Q'ty	Description	Areas
	58	E73316-002	LCD Screen	1		
	59	E304301-001	Lamp House	1		
	60	ELP4101-003	Fuse Lamp	1		
	61	SBSB3008N	Screw	30		
	62	E47227-023	Foot	4		
	63	E25150-012	Bottom Plate	1		
	64	E303921-004	Side Bracket	1	R	
	65	E303922-008	Center Bracket	1		
	66	E303920-004	Side Bracket	1	L	
	67	EXO040010R10S10	Spacer	2		
	68	E304306-001	Heat Sink	1		
	69	E72894-001	Leaf Spring	1		
	70	E73646-001	Cover	1		
	71	E303883-008	Power Button	1		
	72	E304302-002	Push Shaft	1		
	73	E72226-002	Switch Bracket	1		
△	74	QMF51E2-1R25SBS	Fuse	1		LBS
△		QMF51A2-1R25S	Fuse	1		Except LBS
△	75	E68587-004	C.B. Bracket	1		
△	76	ETP1050-12EA	Power Transformer	1		
△		ETP1050-12FA	Power Transformer	1		
△		ETP1050-12EABS	Power Transformer	1		
	77	E65389-002	Ass'y Screw	3		
	78	E72331-002	Stay Bracket	1		
△	79	QMF51A2-1R0S	Fuse	1		A,LE,LG
△		QMF51E2-1R0SBS	Fuse	1		LBS
△		QMF51A2-2R0S	Fuse	1		P,PG,U
△	80	QMF51A2-1R0S	Fuse	1		P,PG,U
△	81	QSR0085-007	Voltage Selector	1		P,PG,U
	82	E302782-001	Stay Bracket	1		P,PG,U
	83	E25413-003	Rear Panel	1		P,PG,U
		E25413-004	Rear Panel	1		A
		E25413-005	Rear Panel	1		LE
		E25413-006	Rear Panel	1		LG
		E25413-007	Rear Panel	1		LBS
	84	E25413-012	Rear Panel	1		France Only
△	85	SBSB3008M	Screw	17		
△		QHS3876-162	Cord Stopper	1		Except LBS
△	86	QHS3876-162BS	Cord Stopper	1		LBS
△		QMP2560-244	Power Cord	1		A
△		QMP3900-200	Power Cord	1		LE,LG
△		QMP7600-200	Power Cord	1		P,PG,U
△		QMP9017-008BS	Power Cord	1		LBS
	87	QXT6200-005	Tube	1		
	88	E73709-001	Stay Bracket	1		
	89	SDST2608Z	Screw	4		
	90	SHST3006M	Screw	2		

△ : Safety parts

The Marks for Designated Areas

A	.....	Australia	LBS	.....	U.K.
LE	.....	Europe	P,PG	.....	U.S. Military Market
LG	.....	West Germany	U	.....	Other Countries

No mark indicates all areas.

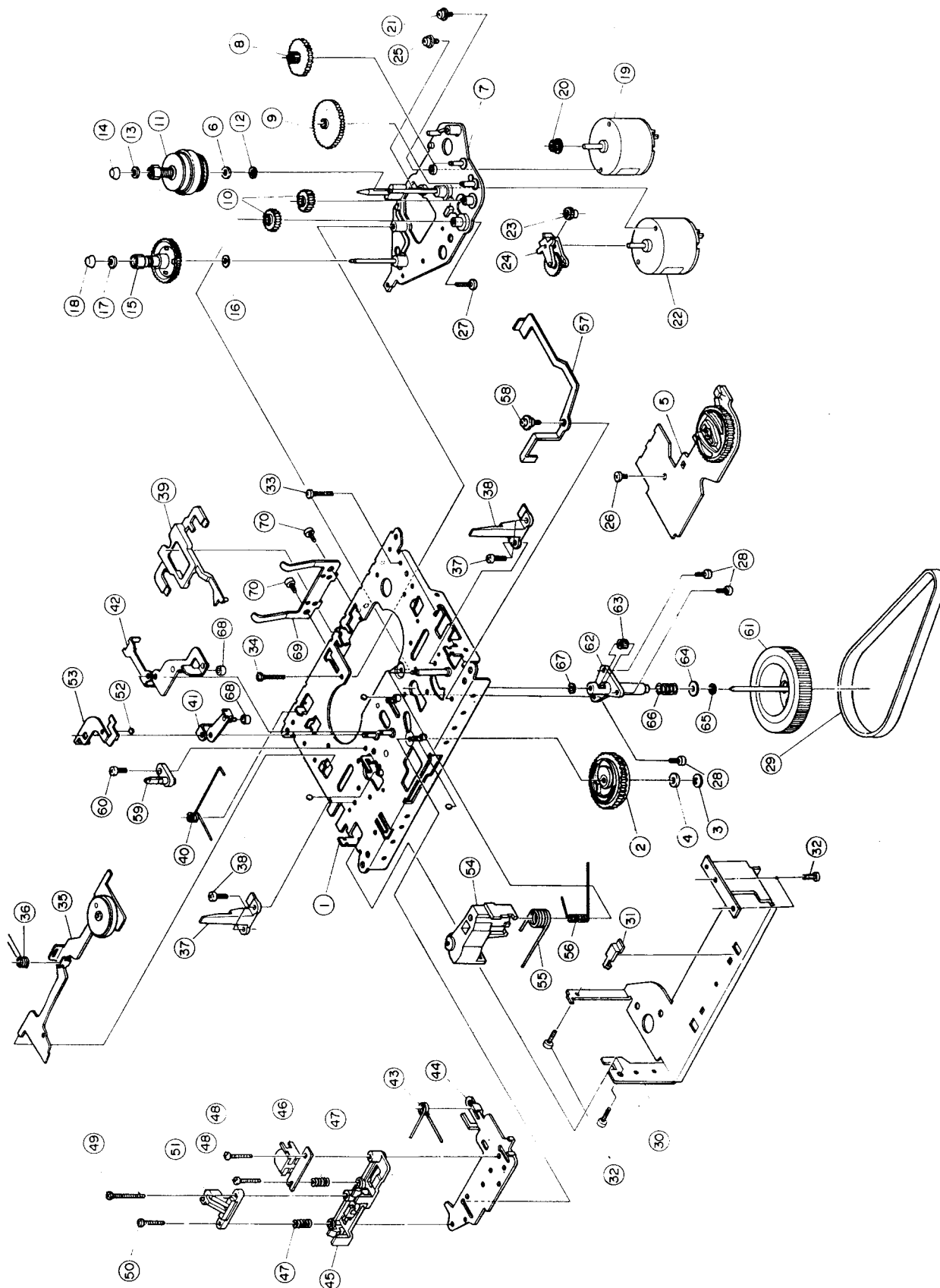
Mechanism Assembly and Parts List

■ A Mechanism

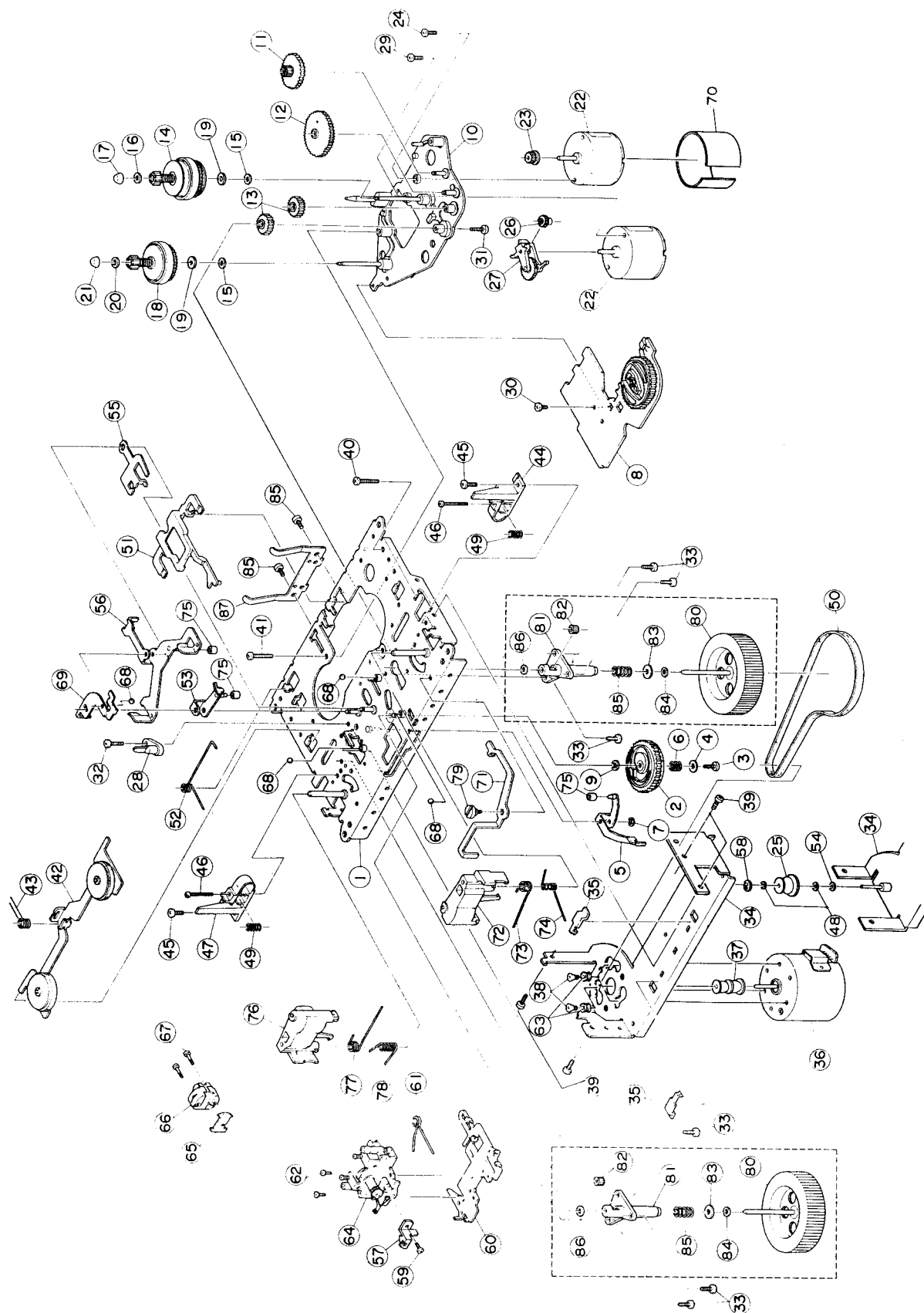
△	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	VKL2253-00J	Chassis Base Ass'y	1		
	2	VKS2122-001	P. Roller Cam	1		
	3	REE2000	E. Ring	1		
	4	Q03093-834	Washer	1		
	5	VKZ3127-00F	Cam Switch	1		
	6	Q03093-834	Washer	2		
	7	VKL2173-00C	Disc Base	1		

△	Item No.	Part Number	Part Name	Q'ty	Description	Areas
	8	VKR3001-001	Gear (2)	1		
	9	VKR3001-002	Gear (2)	1		
	10	VKR3000-001	Gear (1)	2		
	11	VKR4312-00B	Reel Disc Ass'y	1		
	12	VKZ4003-010	Felt	1	Backtension	
	13	VKR4170-001	Ring	1		
	14	VKS4131-001	Reel Stopper	1		
	15	VKR4318-00A	Reel Disc Ass'y	1		
	16	VKZ4003-010	Felt	1	Backtension	
	17	VKR4170-001	Ring	1		
	18	VKS4131-001	Reel Stopper	1		
	19	MMN-6C2RK	D.C. Motor	1	Cam	
	20	VKR4326-001	Motor Gear	1		
	21	SDSP2606Z	Screw	1	Cam Motor	
	22	MMN-6C2RK	D.C. Motor	1	Reel	
	23	VKR3000-003	Gear	1	Reel Motor	
	24	VKS4503-00D	F/R Unit Ass'y	1		
	25	SDSP2606Z	Screw	1	Reel Motor	
	26	SDST2604Z	Screw	1	Disc Base Unit	
	27	SDST2608Z	Screw	1	Disc Base Unit	
	28	SDST2605Z	Screw	3		
	29	VKB3001-020	Belt	1	Capstan	
	30	VKL3721-002	FM Bracket	1	Motor	
	31	VKS4437-001	Thrust Plate	1		
	32	SDST2606Z	Screw	4	FM Bracket	
	33	SPSP2615Z	Screw	1	Cam Motor	
	34	SPSP2613Z	Screw	1	Reel Motor	
	35	VKL3411-00B	Take Up Idler	1		
	36	VKW3006-099	Torsion Spring	1	Take Up	
	37	VKS4901-001	Cassette Guide (R)	2		
	38	SDST2606Z	Screw	4		
	39	VKS3162-004	Brake Lever	1		
	40	VKW4597-002	Spring	1		
	41	VKL5316-00D	Head Base Arm	1		
	42	VKL3421-00C	Pinch Roller Lever	1		
	43	VKW4467-001	Spring	1		
	44	VKL3685-002	Head Base	1		
	45	VKS2123-001	Head Unit Base	1		
	46	VGH0421-015	Playback Head	1		
	47	VKW3001-080	Spring	2		
	48	SPSX2011N	Screw	2		
	49	SDSP2012Z	Screw	1		
	50	SPSX2012N	Screw	1		
	51	VKS4710-001	Dummy Head	1		
	52	T41615-004	Steel Ball	4	Head Base	
	53	VKY4425-002	Spring Plate	1	Head Base	
	54	VKP4169-00B	Pinch Roller (R)	1		
	55	VKW3006-130	Spring	1	Pinch Roller	
	56	VKW3006-142	Spring	1	Return	
	57	VKL5491-001	Door Safety	1		
	58	VKZ4323-001	Screw	1		
	59	VKS4512-002	Guide Post	1		
	60	SDST2606Z	Screw	1		
	61	VKF3138-00B	Flywheel	1		
	62	VKF4122-00C	Capstan Metal	1		
	63	VKR4180-002	Roller	1	Take Up	
	64	Q03093-622	Washer	1		
	65	Q03093-827	Washer	1		
	66	VKW3001-010	Spring	1		
	67	Q03093-522	Washer	1		
	68	VKH3000-058	Collar	2		
	69	VKY4279-001	Pack Spring	1		
	70	SDST2608Z	Screw	2		

■ A Mechanism



■ B Mechanism



△	Item No.	Part Number	Part Name	Q'ty	Description	Areas
	64	VKL3793-00A	Head Mount Base	1		
	65	VKZ4271-002	Wire Stopper	1		
	66	VGH0425-525	R/P Head	2		
	67	VKZ4291-002	Head Screw	2		
	68	T41615-004	Steel Ball	4		
	69	VKY4425-002	Spring Plate	1		
	70	FE-ZMS409	Shield Core	1	Motor	
	71	VKL5492-002	Door Safety	1		
	72	VKP4169-00B	Pinch Roller	1	Right	
	73	VKW3006-130	Spring	1	Pinch Roller	
	74	VKW3006-057	Torsion	1	Return	
	75	VKH3000-058	Collar	3		
	76	VKF4171-00B	Pinch Roller	1	Left	
	77	VKW3006-131	Spring	1	Pinch Roller	
	78	VKW3006-143	Spring	1	Return	
	79	VKZ4323-001	Screw	1		
	80	VKF3138-00B	Flywheel	2		
	81	VKF4122-00C	Capstan Metal	2		
	82	VKR4180-002	Roller	2		
	83	Q03093-622	Washer	2		
	84	Q03093 827	Washer	2		
	85	VKW3001-010	Spring	2		
	86	Q03093-522	Washer	2		
	87	VKY4279-001	Pack Spring	1		

■ B Mechanism

△	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	VKL2251-00J	Chassis Base Ass'y	1		
	2	VKS2122-001	P. Roller Cam	1		
	3	VKZ4377-001	Screw	1		
	4	VKZ4284-003	Washer	1		
	5	VKL5333-00D	Head Lever Ass'y	1		
	6	VKW3001-159	Spring	1		
	7	REE1500	E. Ring	1		
	8	VKZ3127-00D	Cam Switch Ass'y	1		
	9	VKZ4003-010	Felt	1		
	10	VKL2173-00C	Disc Base	1		
	11	VKR3001-001	Gear (2)	1		
	12	VKR3001-002	Gear (2)	1		
	13	VKR3000-001	Gear (1)	1		
	14	VKR4312-00A	Reel Disc (R)	1		
	15	VKZ4003-010	Felt	2	Back Tension	
	16	VKR4170-001	Ring	1		
	17	VKS4131-001	Reel Stopper	1		
	18	VKR4319-00A	Reel Disc (L)	2		
	19	Q03093-834	Washer	1		
	20	VKR4170-001	Ring	1		
	21	VKS4131-001	Reel Stopper	2	Cam, Reel	
	22	MMN-6C2RK	DC Motor	1	Cam Motor	
	23	VKR4326-001	motor Gear	1	Cam Motor	
	24	SDSP2606Z	Screw	1		
	25	VKR4446-001	Motor Pulley	1		
	26	VKR3000-003	Gear (1)	1		
	27	VKS4503-00D	F/R Unit Ass'y	1	Forward/Reverse	
	28	VKS4512-002	Guide Post	1		
	29	SDSP2606Z	Screw	1	Reel Motor	
	30	SDST2604Z	Screw	1	Disc Base Unit	
	31	SDST2608Z	Screw	1		
	32	SDST2606Z	Screw	1		
	33	SDST2605Z	Screw	1		
	34	VKL3739-003	FM Bracket	1		
	35	VKS4437-001	Thrust Plate	2		
	36	BFB2L92	DC Motor	1		
	37	VKR4446-001	motor Pulley	1		
	38	18211202T	Screw	3	Motor	
	39	SDST2606Z	Screw	4	FM Bracket	
	40	SPSP2615Z	Screw	1	Cam Motor	
	41	SPSP2613Z	Screw	1	Cam Motor	
	42	VKL3411-00A	Takeup Idler	1		
	43	VKW3006-099	Torsion Spring	1	Take Up	
	44	VKS4815-001	Cassette Guide (R)	1		
	45	SDST2606Z	Screw	2		
	46	SPSP2615Z	Screw	2		
	47	VKS4816-001	Cassette Guide (L)	1		
	48	Q03093-834	Washer	2		
	49	VKW3001-170	Spring	2		
	50	VKB3001-028	Belt	1		
	51	VKS3162-004	Brake Lever	1		
	52	VKW4597-002	Torsion Spring	1		
	53	VKL53165-00D	Head Base Arm	1		
	54	VKZ4003-010	Felt	1		
	55	VKL5318-003	Head Arm	1		
	56	VKL3413-00E	P. Roller Lever	1		
	57	VKS4931-001	Wire Holder	1		
	58	REE2000	E. Ring	1		
	59	SPSH2018M	Mini Screw	1		
	60	VKL3683-002	Head Base	1		
	61	VKW4467-004	Spring	1		
	62	SPSM2025M	Screw	2		
	63	18201306T	Rubber Cushion	3		

Note (1)

PC Board Ass'y	Designated Areas
ENA-058 C	U.S. Military Market & Other Countries
ENA-058 D	Australia
ENA-058 E	Europe
ENA-058 F	West Germany
ENA-058 G	U.K.

TRANSISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				Maker	
	Q101	2SK606(Q,R)	F.E.T	MATSUSHITA	E
	Q102	2SC535(B,C)	SILICON	HITACHI	
	Q103	2SC461(C)	SILICON	HITACHI	
	Q104	2SK606(Q,R)	F.E.T	MATSUSHITA	
	Q105	2SK606(Q,R)	F.E.T	MATSUSHITA	
	Q131	2SC461(B,C)	SILICON	HITACHI	
	Q132	2SC535(B,C)	SILICON	HITACHI	
	Q133	2SC461(B,C)	SILICON	HITACHI	
	Q134	2SC535(B,C)	SILICON	HITACHI	
	Q135	2SC461(B,C)	SILICON	HITACHI	
	Q171	2SC1685(R,S)	SILICON	MATSUSHITA	E F G
	Q201	2SK301(Q,R)	F.E.T	MATSUSHITA	
	Q202	2SK301(P,Q)	F.E.T	MATSUSHITA	
	Q202	2SK301(P,Q)	F.E.T	MATSUSHITA	
	Q202	2SK301(P,Q)	F.E.T	MATSUSHITA	
	Q221	2SK301(Q,R)	F.E.T	MATSUSHITA	E F G F F
	Q221	2SK301(Q,R)	F.E.T	MATSUSHITA	
	Q221	2SK301(Q,R)	F.E.T	MATSUSHITA	
	Q222	2SK301(P,Q)	F.E.T	MATSUSHITA	
	Q222	2SK301(P,Q)	F.E.T	MATSUSHITA	
	Q222	2SK301(P,Q)	F.E.T	MATSUSHITA	G E F G
	Q223	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q223	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q223	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q241	2SA564A(R,S)	SILICON	MATSUSHITA	
	Q242	2SA564A(R,S)	SILICON	MATSUSHITA	E F G
	Q243	2SA564A(R,S)	SILICON	MATSUSHITA	
	Q243	2SA564A(R,S)	SILICON	MATSUSHITA	
	Q243	2SA564A(R,S)	SILICON	MATSUSHITA	
	Q244	2SK301(Q1)	F.E.T	MATSUSHITA	
	Q245	2SC458(D)	SILICON	HITACHI	
	Q261	2SC1685(R,S)	SILICON	MATSUSHITA	
	Q263	2SC1685(Q,R)	SILICON	MATSUSHITA	
	Q268	2SC1685(R,S)	SILICON	MATSUSHITA	
	Q269	2SC1685(R,S)	SILICON	MATSUSHITA	

I.C.S

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				Maker	
	IC131	LA1267S	I.C.	SANYO	
	IC171	LA3401	I.C.	SANYO	
	IC241	LM7000N	I.C.	SANYO	
	IC261	LC5813H-246	I.C.	SANYO	

DIODES

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				Maker	
	D171	1SS133	SILICON	ROHM	E F
	D173	1SS133	SILICON	ROHM	
	D174	1SS133	SILICON	ROHM	
	D201	1SS133	SILICON	ROHM	
	D201	1SS133	SILICON	ROHM	
	D201	1SS133	SILICON	ROHM	G E F G E
	D202	1SS133	SILICON	ROHM	
	D202	1SS133	SILICON	ROHM	
	D202	1SS133	SILICON	ROHM	
	D221	1SS133	SILICON	ROHM	
	D221	1SS133	SILICON	ROHM	F G E F
	D221	1SS133	SILICON	ROHM	
	D222	1SS133	SILICON	ROHM	
	D222	1SS133	SILICON	ROHM	
	D222	1SS133	SILICON	ROHM	

DIODES

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				Maker	
	D261	1SS133	SILICON	ROHM	
	D262	1SS133	SILICON	ROHM	
	D263	1SS133	SILICON	ROHM	
	D264	1SS133	SILICON	ROHM	
	D266	1SS133	SILICON	ROHM	
	D267	1SS133	SILICON	ROHM	
	D270	1SS133	SILICON	ROHM	
	D271	1SS133	SILICON	ROHM	
	D272	1SS133	SILICON	ROHM	
	D273	1SS133	SILICON	ROHM	
	D274	1SS133	SILICON	ROHM	
	D275	1SS133	SILICON	ROHM	
	D276	1SS133	SILICON	ROHM	
	VC101	SVC202(AB)	VALICAP	SANYO	
	VC102	SVC202(AB)	VALICAP	SANYO	
	VC103	SVC202(AB)	VALICAP	SANYO	
	VC201	KV1236Z	VALICAP	TOKO	
	VC202	KV1236Z	VALICAP	TOKO	
	VC221	KV1236Z	VALICAP	TOKO	
	VC222	VK1236Z	VALICAP	TOKO	

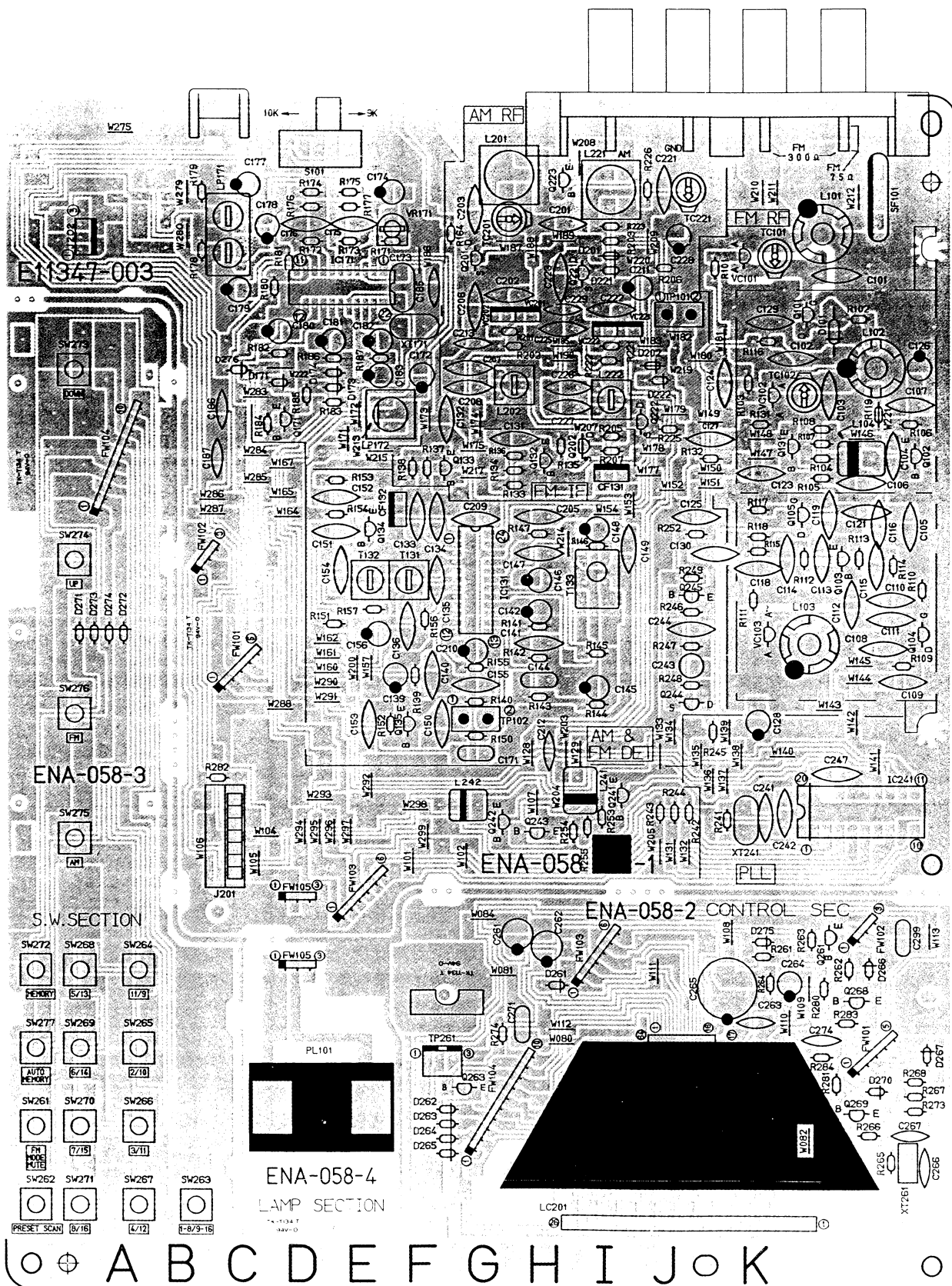
CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION				AREA
	C101	QCS21HJ-3R0	3.0PF	50V	CERAMIC	F	E G
	C102	QCF21HP-103	0.01MF	50V	CERAMIC		
	C103	QCS21HJ-5R0	5.0PF	50V	CERAMIC		
	C104	QCS21HJ-2R0	2.0PF	50V	CERAMIC		
	C104	QCS21HJ-2R0	2.0PF	50V	CERAMIC		
	C104	QCS21HJ-3R0	3.0PF	50V	CERAMIC	F E G	
	C105	QCS21HJ-2R0	2.0PF	50V	CERAMIC		
	C105	QCS21HJ-2R0	2.0PF	50V	CERAMIC		
	C106	QCS21HJ-151	150PF	50V	CERAMIC		
	C107	QCF21HP-103	0.01MF	50V	CERAMIC		
	C108	QCF21HP-103	0.01MF	50V	CERAMIC	G C D	
	C109	QCF21HP-103	0.01MF	50V	CERAMIC		
	C110	QCT26CH-2R0	2.0PF	50V	CERAMIC		
	C111	QCT26TH-7R0	7.0PF	50V	CERAMIC		
	C113	QCT26CH-220	22PF	50V	CERAMIC		
	C114	QCF21HP-103	0.01MF	50V	CERAMIC	E G F F	
	C115	QET26CH-100	10PF	50V	CERAMIC		
	C116	QCS21HJ-2R0	2.0PF	50V	CERAMIC		
	C118	QCF21HP-223	0.022MF	50V	CERAMIC		
	C118	QCF21HP-223	0.022MF	50V	CERAMIC		
	C118	QCF21HP-223	0.022MF	50V	CERAMIC	E G F F	
	C119	QCT26CH-3R0	3.0PF	50V	CERAMIC		
	C121	QCS21HJ-4R0	4.0PF	50V	CERAMIC		
	C123	QCF21HP-223	0.022MF	50V	CERAMIC		
	C124	QCF21HP-223	0.022MF	50V	CERAMIC		
	C125	QCF21HP-223	0.022MF	50V	CERAMIC	F	
	C127	QCS21HJ-220	22PF	50V	CERAMIC		
	C128	QETB1EM-226	22MF	25V	ELECTRO		
	C130	QCS21HJ-101	100PF	50V	CERAMIC		
	C131	QCF21HP-223	0.022MF	50V	CERAMIC		
	C132	QCF21HP-223	0.022MF	50V	CERAMIC	C D E	
	C133	QCF21HP-223	0.022MF	50V	CERAMIC		
	C134	QCF21HP-223	0.022MF	50V	CERAMIC		
	C135	QCC21EM-223	0.022MF	25V	CERAMIC		
	C136	QCF21HP-223	0.022MF	50V	CERAMIC		
	C139	QETB1HM-105	1MF	50V	ELECTRO	F G	
	C140	QCS21HJ-221	220PF	50V	CERAMIC		
	C140	QCS21HJ-221	220PF	50V	CERAMIC		
	C140	QCS21HJ-101	100PF	50V	CERAMIC		
	C140	QCS21HJ-101	100PF	50V	CERAMIC		
	C140	QCS21HJ-101	100PF	50V	CERAMIC	F G	
	C140	QCS21HJ-221	220PF	50V	CERAMIC		
	C141	QCF21HP-223	0.022MF	50V	CERAMIC		
	C142	QETB1EM-106	10MF	25V	ELECTRO		
	C144	QFN81HK-332	3300PF	50V	MYLAR		
	C145	QETB1HM-225	2.2MF	50V	ELECTRO		
	C146	QETB1HM-475	4.7MF	50V	ELECTRO		
	C147	QCF21HP-223	0.022MF	50V	CERAMIC		
	C148	QETB1EM-106	10MF	25V	ELECTRO		
	C149	QCF21HP-223	0.022MF	50V	CERAMIC		
	C150	QCY21HK-102	1000PF	50V	CERAMIC		
	C151	QCS21HJ-101	100PF	50V	CERAMIC		
	C152	QCF21HP-103	0.01MF	50V	CERAMIC		
	C153	QCS21HJ-101	100PF	50V	CERAMIC		
	C154	QCS21HJ-470	47PF	50V	CERAMIC		

Printed Circuit Board Ass'y and Parts List

■ ENA-058 □ Tuner PC Board Ass'y

Note : ENA-058 □ Varies according to the areas employed. See note (1) when placing an order.



CAPACITORS

△	ITEM	PART NUMBER	DESCRIPTION			AREA
	C155	QCF21HP-223	0.022MF	50V	CERAMIC	
	C156	QETB1HM-475	4.7MF	50V	ELECTRO	
	C171	QFN81HK-333	0.033MF	50V	MYLAR	C
	C171	QFN81HK-333	0.033MF	50V	MYLAR	D
	C171	QFN81HK-183	0.018MF	50V	MYLAR	E
	C171	QFN81HK-183	0.018MF	50V	MYLAR	F
	C171	QFN81HK-333	0.033MF	50V	MYLAR	G
	C172	QETB1EM-106	10MF	25V	ELECTRO	
	C173	QFN81HK-473	0.047MF	50V	MYLAR	
	C174	QETB1HM-106	10MF	25V	ELECTRO	
	C175	QCY21HK-681	680PF	50V	CERAMIC	C
	C175	QCY21HK-331	330PF	50V	CERAMIC	D
	C175	QCY21HK-331	330PF	50V	CERAMIC	E
	C175	QCY21HK-331	330PF	50V	CERAMIC	F
	C175	QCY21HK-681	680PF	50V	CERAMIC	G
	C176	QCY21HK-681	680PF	50V	CERAMIC	C
	C176	QCY21HK-331	330PF	50V	CERAMIC	D
	C176	QCY21HK-331	330PF	50V	CERAMIC	E
	C176	QCY21HK-331	330PF	50V	CERAMIC	F
	C176	QCY21HK-681	680PF	50V	CERAMIC	G
	C177	QETB1HM-225	2.2MF	50V	ELECTRO	
	C178	QETB1HM-225	2.2MF	50V	ELECTRO	
	C179	QETB1HM-225	2.2MF	50V	ELECTRO	
	C180	QETB1HM-105	1MF	50V	ELECTRO	
	C181	QETB1HM-105	1MF	50V	ELECTRO	
	C182	QETB1HM-474	0.47MF	50V	ELECTRO	
	C183	QETB1HM-225	2.2MF	50V	ELECTRO	
	C185	QCY21HK-102	1000PF	50V	CERAMIC	F
	C187	QCS21HJ-331	330PF	50V	CERAMIC	F
	C188	QCS21HJ-331	330PF	50V	CERAMIC	
	C202	QCC21EM-223	0.022MF	25V	CERAMIC	
	C203	QCS21HJ-561	560PF	50V	CERAMIC	
	C205	QCF21HP-223	0.022MF	50V	CERAMIC	
	C206	QCT26CH-100	10PF	50V	CERAMIC	
	C207	QCT26CH-221	220PF	50V	CERAMIC	
	C208	QCT26CH-271	270PF	50V	CERAMIC	
	C209	QCF21HP-223	0.022MF	50V	CERAMIC	
	C210	QETB1EM-106	10MF	25V	ELECTRO	
	C211	QETB1EM-106	10MF	25V	ELECTRO	
	C212	QCF21HP-103	0.01MF	50V	CERAMIC	
	C213	QCT26CH-100	10PF	50V	CERAMIC	
	C221	QCS21HJ-330	33PF	50V	CERAMIC	E
	C221	QCS21HJ-330	33PF	50V	CERAMIC	F
	C221	QCS21HJ-330	33PF	50V	CERAMIC	G
	C222	QCC21EM-473	0.047MF	50V	CERAMIC	E
	C222	QCC21EM-473	0.047MF	50V	CERAMIC	F
	C222	QCC21EK-473	0.047MF	50V	CERAMIC	G
	C223	QCY21HK-272	2700PF	50V	CERAMIC	E
	C223	QCY21HK-272	2700PF	50V	CERAMIC	F
	C223	QCY21HK-272	2700PF	50V	CERAMIC	G
	C225	QCT26CH-680	68PF	50V	CERAMIC	E
	C225	QCT26CH-680	68PF	50V	CERAMIC	F
	C225	QCT26CH-680	68PF	50V	CERAMIC	G
	C226	QCT26CH-151	150PF	50V	CERAMIC	E
	C226	QCT26CH-151	150PF	50V	CERAMIC	F
	C226	QCT26CH-151	150PF	50V	CERAMIC	
	C226	QCT26CH-151	150PF	50V	CERAMIC	G
	C227	QCT26CH-150	15PF	50V	CERAMIC	E
	C227	QCT26CH-150	15PF	50V	CERAMIC	F
	C227	QCT26CH-150	15PF	50V	CERAMIC	G
	C227	QET26CH-150	15PF	50V	CERAMIC	
	C228	QETB1EM-106	10MF	25V	ELECTRO	E
	C228	QETB1EM-106	10MF	25V	ELECTRO	F
	C228	QETB1EM-106	10MF	25V	ELECTRO	G
	C229	QCT26CH-7R0	7.0PF	50V	CERAMIC	E
	C229	QCT26CH-7R0	7.0PF	50V	CERAMIC	F
	C229	QCT26CH-7R0	7.0PF	50V	CERAMIC	G
	C241	QCS21HJ-180	18PF	50V	CERAMIC	
	C242	QCS21HJ-180	18PF	50V	CERAMIC	
	C243	QEN51HM-474	0.47MF	50V	NON POLE	
	C244	QCY21HK-102	1000PF	50V	CERAMIC	
	C247	QCC21EM-473	0.047MF	25V	CERAMIC	
	C261	QETB1HM-105	1MF	50V	ELECTRO	
	C262	QETB1HM-475	4.7MF	50V	ELECTRO	
	C263	QCF21HP-103	0.01MF	50V	CERAMIC	
	C264	QETB1AM-227	220MF	10V	ELECTRO	
	C265	EEZ0502-479	47MF		ELECTRO	
	C266	QCS21HJ-331	330PF	50V	CERAMIC	
	C267	QDS21HJ-331	330PF	50V	CERAMIC	
	C271	QFN81HK-104	0.1MF	50V	MYLAR	
	C274	QCY21HK-332	3300PF	50V	CERAMIC	
	C299	QFN81HK-104	0.1MF	50V	MYLAR	
	TC101	ENZ1003-003		50V	TRIMMER	
	TC102	ENZ1003-003		50V	TRIMMER	

△: SAFETY PARTS

CAPACITORS

△	ITEM	PART NUMBER	DESCRIPTION			AREA
	TC201	ENZ1003-006		50V	TRIMMER	
	TC201	ENZ1003-006		50V	TRIMMER	E
	TC201	ENZ1003-006		50V	TRIMMER	F
	TC221	ENZ1003-006		50V	TRIMMER	G

RESISTORS

△	ITEM	PART NUMBER	DESCRIPTION			AREA
	R101	QRD161J-473	47K	1/6W	CARBON	
	R102	QRD161J-330	33	1/6W	CARBON	
	R103	QRD161J-473	47K	1/6W	CARBON	
	R104	QRD161J-223	22K	1/6W	CARBON	
	R105	QRD161J-332	3.3K	1/6W	CARBON	
	R106	QRD161J-102	1K	1/6W	CARBON	
	R107	QRD161J-102	1K	1/6W	CARBON	
	R108	QRD161J-330	33	1/6W	CARBON	
	R109	QRD161J-331	330	1/6W	CARBON	
	R110	QRD161J-224	220K	1/6W	CARBON	
	R111	QRD161J-472	4.7K	1/6W	CARBON	
	R112	QRD161J-103	10K	1/6W	CARBON	
	R113	QRD161J-682	6.8K	1/6W	CARBON	
	R114	QRD161J-222	2.2K	1/6W	CARBON	
	R115	QRD161J-561	560	1/6W	CARBON	
	R116	QRD161J-221	220	1/6W	CARBON	
	R117	QRD161J-224	220K	1/6W	CARBON	F
	R118	QRD161J-331	330	1/6W	CARBON	F
	R119	QRD161J-331	330	1/6W	CARBON	F
	R131	QRD161J-332	3.3K	1/6W	CARBON	
	R132	QRD161J-221	220	1/6W	CARBON	
	R133	QRD161J-391	390	1/6W	CARBON	
	R134	QRD161J-272	2.7K	1/6W	CARBON	
	R135	QRD161J-681	680	1/6W	CARBON	
	R136	QRD161J-102	1K	1/6W	CARBON	
	R137	QRD161J-332	3.3K	1/6W	CARBON	
	R138	QRD161J-221	220	1/6W	CARBON	
	R139	QRD161J-333	33K	1/6W	CARBON	
	R140	QRD161J-561	560	1/6W	CARBON	
	R141	QRD161J-473	47K	1/6W	CARBON	
	R142	QRD161J-103	10K	1/6W	CARBON	
	R143	QRD161J-682	6.8K	1/6W	CARBON	C
	R143	QRD161J-682	6.8K	1/6W	CARBON	D
	R143	QRD161J-273	27K	1/6W	CARBON	E
	R143	QRD161J-273	27K	1/6W	CARBON	F
	R143	QRD161J-682	6.8K	1/6W	CARBON	G
	R144	QRD161J-103	10K	1/6W	CARBON	
	R145	QRD161J-103	10K	1/6W	CARBON	
	R147	QRD161J-391	390	1/6W	CARBON	
	R150	QRD161J-152	1.5K	1/6W	CARBON	
	R151	QRD161J-154	150K	1/6W	CARBON	
	R152	QRD161J-562	5.6K	1/6W	CARBON	
	R153	QRD161J-332	3.3K	1/6W	CARBON	
	R154	QRD161J-561	560	1/6W	CARBON	
	R155	QRD161J-221	220	1/6W	CARBON	
	R156	QRD161J-102	1K	1/6W	CARBON	
	R157	QRD161J-822	8.2K	1/6W	CARBON	
	R171	QRD161J-393	39K	1/6W	CARBON	C
	R171	QRD161J-393	39K	1/6W	CARBON	D
	R171	QRD161J-393	39K	1/6W	CARBON	E
	R171	QRD161J-393	39K	1/6W	CARBON	G
	R171	QRD161J-563	56K	1/6W	CARBON	F
	R172	QRD161J-753	75K	1/6W	CARBON	C
	R172	QRD161J-753	75K	1/6W	CARBON	D
	R172	QRD161J-154	150K	1/6W	CARBON	E
	R172	QRD161J-154	150K	1/6W	CARBON	F
	R172	QRD161J-753	75K	1/6W	CARBON	G
	R173	QRD161J-753	75K	1/6W	CARBON	C
	R173	QRD161J-753	75K	1/6W	CARBON	D
	R173	QRD161J-154	150K	1/6W	CARBON	E
	R173	QRD161J-154	150K	1/6W	CARBON	F
	R173	QRD161J-753	75K	1/6W	CARBON	G
	R174	QRD161J-332	3.3K	1/6W	CARBON	
	R175	QRD161J-332	3.3K	1/6W	CARBON	
	R176	QRD161J-124	120K	1/6W	CARBON	C
	R176	QRD161J-124	120K	1/6W	CARBON	D
	R176	QRD161J-124	120K	1/6W	CARBON	G
	R176	QRD161J-224	220K	1/6W	CARBON	E
	R176	QRD161J-224	220K	1/6W	CARBON	F
	R177	QRD161J-124	120K	1/6W	CARBON	C
	R177	QRD161J-124	120K	1/6W	CARBON	D
	R177	QRD161J-124	120K	1/6W	CARBON	G

RESISTORS

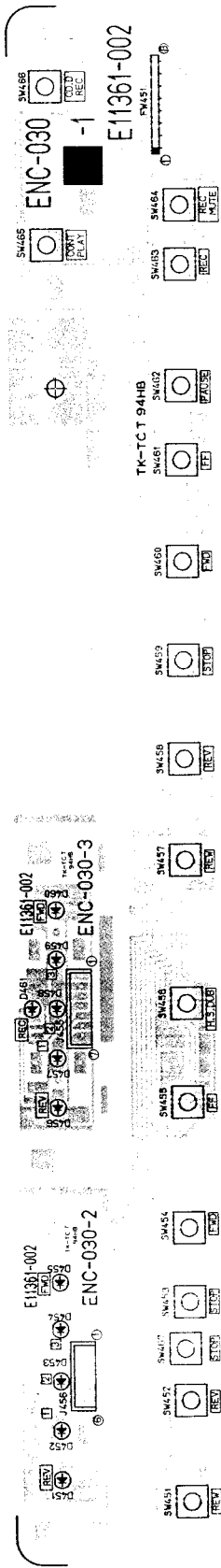
△	ITEM	PART NUMBER	DESCRIPTION			AREA
	R177	QRD161J-224	220K	1/6W	CARBON	E
	R177	QRD161J-224	220K	1/6W	CARBON	F
	R178	QRD161J-682	680	1/6W	CARBON	C
	R178	QRD161J-682	680	1/6W	CARBON	D
	R178	QRD161J-472	4.7K	1/6W	CARBON	E
	R178	QRD161J-472	4.7K	1/6W	CARBON	F
	R178	QRD161J-682	6.8K	1/6W	CARBON	G
	R179	QRD161J-682	680	1/6W	CARBON	C
	R179	QRD161J-682	680	1/6W	CARBON	D
	R179	QRD161J-472	4.7K	1/6W	CARBON	E
	R179	QRD161J-472	4.7K	1/6W	CARBON	F
	R179	QRD161J-682	6.8K	1/6W	CARBON	G
	R180	QRD161J-472	4.7K	1/6W	CARBON	
	R181	QRD161J-472	4.7K	1/6W	CARBON	
	R182	QRD161J-103	10K	1/6W	CARBON	
	R183	QRD161J-473	47K	1/6W	CARBON	
	R184	QRD161J-473	47K	1/6W	CARBON	
	R185	QRD161J-562	5.6K	1/6W	CARBON	
	R186	QRD161J-103	10K	1/6W	CARBON	
	R187	QRD161J-562	5.6K	1/6W	CARBON	
	R201	QRD161J-103	10K	1/6W	CARBON	
	R202	QRD161J-473	47K	1/6W	CARBON	
	R203	QRD161J-471	470	1/6W	CARBON	
	R205	QRD161J-103	10K	1/6W	CARBON	E
	R205	QRD161J-103	10K	1/6W	CARBON	F
	R205	QRD161J-103	10K	1/6W	CARBON	G
	R206	QRD161J-103	10K	1/6W	CARBON	E
	R206	QRD161J-103	10K	1/6W	CARBON	F
	R206	QRD161J-103	10K	1/6W	CARBON	G
	R207	QRD161J-330	33	1/6W	CARBON	
	R221	QRD161J-103	10K	1/6W	CARBON	E
	R221	QRD161J-103	10K	1/6W	CARBON	F
	R221	QRD161J-103	10K	1/6W	CARBON	G
	R222	QRD161J-473	47K	1/6W	CARBON	E
	R222	QRD161J-473	47K	1/6W	CARBON	F
	R222	QRD161J-473	47K	1/6W	CARBON	G
	R223	QRD161J-471	470	1/6W	CARBON	E
	R223	QRD161J-471	470	1/6W	CARBON	F
	R223	QRD161J-471	470	1/6W	CARBON	G
	R225	QRD161J-103	10K	1/6W	CARBON	E
	R225	QRD161J-103	10K	1/6W	CARBON	F
	R225	QRD161J-103	10K	1/6W	CARBON	G
	R226	QRD161J-472	4.7K	1/6W	CARBON	E
	R226	QRD161J-472	4.7K	1/6W	CARBON	F
	R226	QRD161J-472	4.7K	1/6W	CARBON	G
	R241	QRD161J-473	47K	1/6W	CARBON	
	R242	QRD161J-103	10K	1/6W	CARBON	
	R243	QRD161J-103	10K	1/6W	CARBON	
	R244	QRD161J-103	10K	1/6W	CARBON	E
	R244	QRD161J-103	10K	1/6W	CARBON	F
	R244	QRD161J-103	10K	1/6W	CARBON	G
	R245	QRD161J-222	2.2K	1/6W	CARBON	E
	R245	QRD161J-222	2.2K	1/6W	CARBON	F
	R245	QRD161J-222	2.2K	1/6W	CARBON	G
	R246	QRD161J-271	270	1/6W	CARBON	
	R247	QRD161J-822	8.2K	1/6W	CARBON	E
	R247	QRD161J-822	8.2K	1/6W	CARBON	F
	R247	QRD161J-822	8.2K	1/6W	CARBON	G
	R248	QRD161J-222	2.2K	1/6W	CARBON	
	R249	QRD161J-472	4.7K	1/6W	CARBON	
	R252	QRD161J-222	2.2K	1/6W	CARBON	
	R253	QRD161J-473	47K	1/6W	CARBON	
	R254	QRD161J-473	47K	1/6W	CARBON	
	R255	QRD161J-473	47K	1/6W	CARBON	E
	R255	QRD161J-473	47K	1/6W	CARBON	F
	R255	QRD161J-473	47K	1/6W	CARBON	G
	R261	QRD161J-473	47K	1/6W	CARBON	
	R262	QRD161J-223	22K	1/6W	CARBON	
	R263	QRD161J-103	10K	1/6W	CARBON	
	R264	QRD161J-331	330	1/6W	CARBON	
	R265	QRD161J-105	1M	1/6W	CARBON	
	R266	QRD161J-222	2.2K	1/6W	CARBON	
	R267	QRD161J-472	4.7K	1/6W	CARBON	
	R268	QRD161J-472	4.7K	1/6W	CARBON	
	R273	QRD161J-472	4.7K	1/6W	CARBON	
	R274	QRD161J-105	1M	1/6W	CARBON	
	R280	QRD161J-103	10K	1/6W	CARBON	
	R281	QRD161J-103	10K	1/6W	CARBON	
	R282	QRD161J-101	100	1/6W	CARBON	
	R283	QRD161J-473	47K	1/6W	CARBON	
	R284	QRD161J-223	22K	1/6W	CARBON	

OTHERS

△	ITEM	PART NUMBER	DESCRIPTION	AREA
		EMB01YV-401K	ANTENNA TERMINAL	C
		EMB01YV-401K	ANTENNA TERMINAL	D
		EMB01YV-401K	ANTENNA TERMINAL	E
		EMB01YV-401K	ANTENNA TERMINAL	G
		EMB01YV-402K	ANTENNA TERMINAL	F
		E11347-003	CIRCUIT BOARD	
		E304180-001	SHIELD CASE	
		E45524-002	FUSE CLIP	
		E70225-001	EARTH PLATE	
		E70859-001	EARTH PLATE	
		E73297-001	SHIELD CASE	F
	J201	EMV7112-007	SOCKET	
	J202	QMV5005-003K	PLUG ASS'Y	
	L101	EQR2306-014	RF COIL	C
	L101	EQR2306-014	RF COIL	D
	L101	EQR2306-014	RF COIL	E
	L101	EQR2306-016	RF COIL	G
	L102	EQR2106-014	RF COIL	F
	L103	EQR2406-004	RE COIL	
	L104	EQL3001-1R5KY	INDUCTOR	
	L201	EQR1111-006	RF COIL	
	L202	EQR1207-009	RF COIL	
	L221	EQR1111-005	RF COIL	E
	L221	EQR1111-005	RF COIL	F
	L221	EQR1111-005	RF COIL	G
	L222	EQR1307-002	RF COIL	E
	L222	EQR1307-002	RF COIL	F
	L222	EQR1307-002	RF COIL	G
	L241	EQL3001-471	INDUCTOR	E
	L241	EQL3001-471KYL	INDUCTOR	F
	L242	EQL3001-471KYL	INDUCTOR	G
	T131	EAT2140-012	I.F. TRANSFORMER	
	T132	EQT2140-013	I.F. TRANSFORMER	
	T133	ECB1560-003	CERAMIC FILTER	
	CF131	ECB2123-001R	CERAMIC FILTER	C
	CF131	ECB2123-001R	CERAMIC FILTER	D
	CF131	ECB2118-001R	CERAMIC FILTER	E
	CF131	ECB2118-001R	CERAMIC FILTER	F
	CF131	ECB2123-001R	CERAMIC FILTER	G
	CF132	ECB2123-001R	CERAMIC FILTER	C
	CF132	ECB2123-001R	CERAMIC FILTER	D
	CF132	ECB2118-001R	CERAMIC FILTER	E
	CF132	ECB2118-001R	CERAMIC FILTER	F
	CF132	ECB2118-001R	CERAMIC FILTER	G
	LC201	ELU0002-025	LDC PANEL	
	LP171	EQF0101-002L	FILTER	
	LP172	EQF0102-001	FILTER	F
	SF101	EQF0201-006	FILTER	F
	SW261	ESP0001-007	PUSH SWITCH	
	SW262	ESP0001-007	PUSH SWITCH	
	SW263	ESP0001-007	PUSH SWITCH	
	SW264	ESP0001-007	PUSH SWITCH	
	SW265	ESP0001-007	PUSH SWITCH	
	SW266	ESP0001-007	PUSH SWITCH	
	SW267	ESP0001-007	PUSH SWITCH	
	SW268	ESP0001-007	PUSH SWITCH	
	SW269	ESP0001-007	PUSH SWITCH	
	SW270	ESP0001-007	PUSH SWITCH	
	SW271	ESP0001-007	PUSH SWITCH	
	SW272	ESP0001-007	PUSH SWITCH	
	SW273	ESP0001-007	PUSH SWITCH	
	SW274	ESP0001-007	PUSH SWITCH	
	SW275	ESP0001-007	PUSH SWITCH	
	SW276	ESP0001-007	PUSH SWITCH	
	SW277	ESP0001-007	PUSH SWITCH	
	TP101	E67764-002	TERMINAL ASS'Y	
	TP102	E67764-002	TERMINAL ASS'Y	
	TP261	QMV5005-003K	PULAG ASS'Y	
	XT171	ECX0000-456KR	RESONATOR	
	XT241	ECX0007-200KC	X. TAL	
	XT261	ECX0000-400KS	CERA LOCK	

△: SAFETY PARTS

ENC-030 B Front Switch PC Board Ass'y



DIODES

ITEM	PART NUMBER	DESCRIPTION		AREA
			Maker	
D452	SLV-31DC3F	L.E.D.	ROHM	
D453	SLV-31DC3F	L.E.D.	ROHM	
D454	SLV-31DC3F	L.E.D.	ROHM	
D455	SLV-31DC3F	L.E.D.	ROHM	
D456	SLV-31DC3F	L.E.D.	ROHM	
D457	SLV-31DC3F	L.E.D.	ROHM	
D458	SLV-31DC3F	L.E.D.	ROHM	
D459	SLV-31DC3F	L.E.D.	ROHM	
D460	SLV-31DC3F	L.E.D.	ROHM	
D461	SLV-31VC3F	L.E.D.	ROHM	

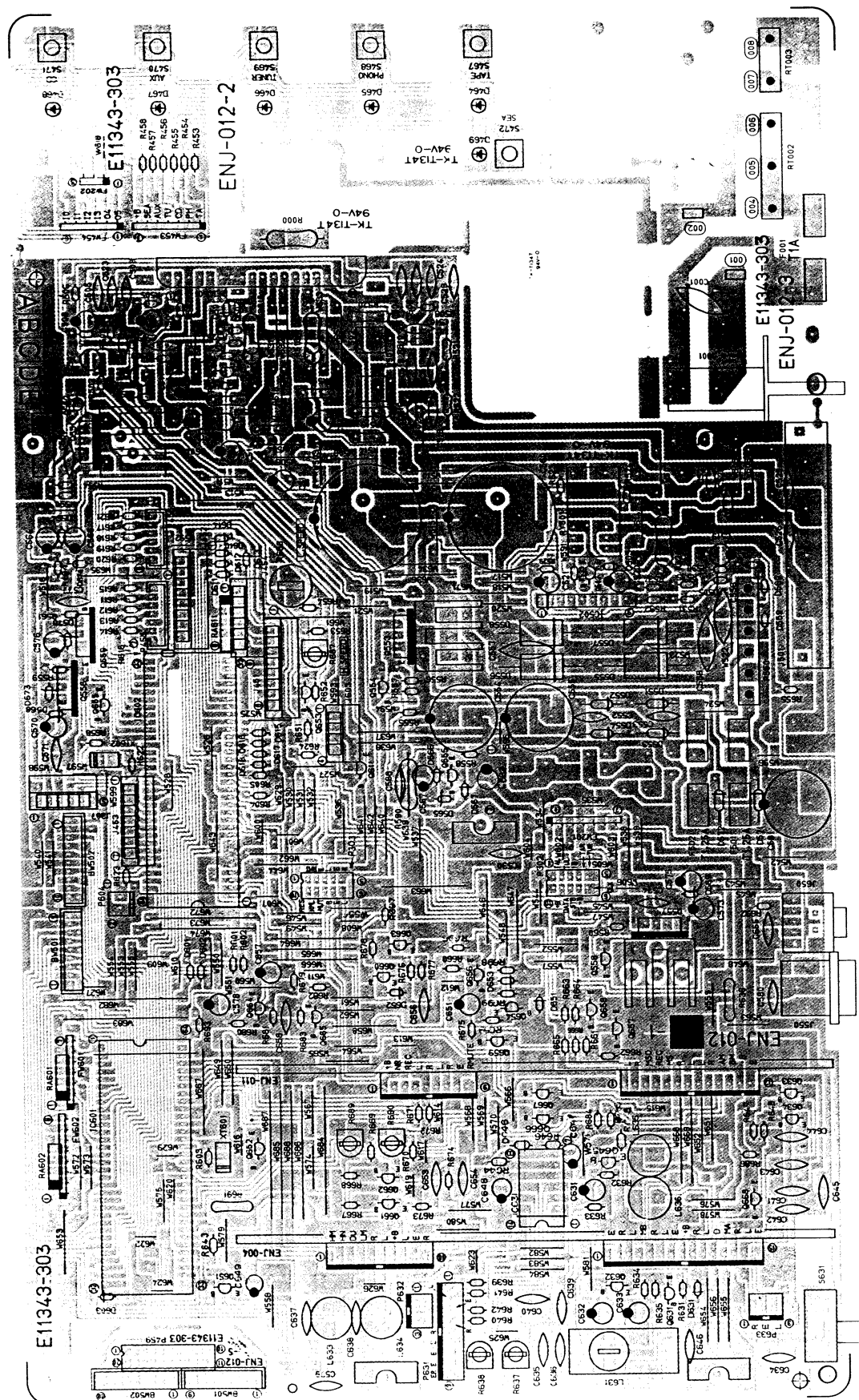
OTHERS

ITEM	PART NUMBER	DESCRIPTION	AREA
	E11361-002	CIRCUIT BOARD	
	E304362-002	LED HOLDER	
	E304362-002	LED HOLDER	
SW451	ESP0001-007	PUSH SWITCH	
SW454	ESP0001-007	PUSH SWITCH	
	ESP0001-007	PUSH SWITCH	
	ESP0001-007	PUSH SWITCH	
SW455	ESP0001-007	PUSH SWITCH	
SW456	ESP0001-007	PUSH SWITCH	
SW457	ESP0001-007	PUSH SWITCH	
SW458	ESP0001-007	PUSH SWITCH	
SW459	ESP0001-007	PUSH SWITCH	
SW460	ESP0001-007	PUSH SWITCH	
SW461	ESP0001-007	PUSH SWITCH	
SW462	ESP0001-007	PUSH SWITCH	
SW463	ESP0001-007	PUSH SWITCH	
SW464	ESP0001-007	PUSH SWITCH	
SW465	ESP0001-007	PUSH SWITCH	B
SW466	ESP0001-007	PUSH SWITCH	
SW467	ESP0001-007	PUSH SWITCH	

△: SAFETY PARTS

■ ENJ-012 □ Audio PC Board Ass'y

Note : ENJ-012 □ Varies according to the areas employed. See note (1) when placing an order.



Note (1)

PC Board Ass'y	Designated Areas
ENJ-012 □	U.S. Military Market & Other Countries
ENJ-012-012 □ BS	U.K.
ENJ-012 □ E	Europe, Australia
ENJ-012 □ F	West Germany

TRANSISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
MARKER				
	Q501	2SC1741A(Q,R)	SILICON	ROHM
	Q502	2SA564A(Q,R)	SILICON	MATSUSHITA
	Q551	2SD1913(R,S)	SILICON	SANYO
	Q552	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q553	2SB1133(R,S)	SILICON	SANYO
	Q554	2SA564A(Q,R)	SILICON	MATSUSHITA
	Q555	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q556	2SD1913(R,S)	SILICON	SANYO
	Q557	2SB1274(R,S)	SILICON	SANYO
	Q558	2SA564A(Q,R)	SILICON	MATSUSHITA
	Q559	2SD1913(R,S)	SILICON	SANYO
	Q611	2SC3377(Q,R)	SILICON	ROHM
	Q631	2SC1741A(Q,R)	SILICON	ROHM
	Q632	2SC1741A(Q,R)	SILICON	ROHM
	Q633	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q634	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q645	DTC144EFF	SILICON	ROHM
	Q651	DTC144EN	SILICON	ROHM
	Q652	DTC144EN	SILICON	ROHM
	Q653	2SA564A(Q,R)	SILICON	MATSUSHITA
	Q654	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q655	DTC144EN	SILICON	ROHM
	Q656	DTA144EN	SILICON	ROHM
	Q657	2SD1302(S,T)	SILICON	MATSUSHITA
	Q658	2SD1302(S,T)	SILICON	MATSUSHITA
	Q659	2SA564A(Q,R)	SILICON	MATSUSHITA
	Q660	DTA144EN	SILICON	ROHM
	Q661	2SD1302(S,T)	SILICON	MATSUSHITA
	Q662	2SD1302(S,T)	SILICON	MATSUSHITA
	Q663	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q664	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q665	2SC1685(Q,R)	SILICON	MATSUSHITA
	Q666	DTC144EN	SILICON	ROHM
	Q667	DTC144EN	SILICON	ROHM
	Q668	DTC144EN	SILICON	ROHM

I.C.S

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
MARKER				
	IC501	STK4161MK5	I.C.	SANYO
	IC502	TA7317P	I.C.	TOSHIBA
	IC601	HD614022SF37	I.C.	HITACHI
	IC602	UPD75104CW-022	I.C.	NEC
	IC631	UPC1290C	I.C.	NEC

DIODES

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
MARKER				
	D464	SLH-34DC3F	L.E.D.	ROHM
	D465	SLH-34DC3F	L.E.D.	ROHM
	D466	SLH-34DC3F	L.E.D.	ROHM
	D467	SLH-34DC3F	L.E.D.	ROHM
	D468	SLH-34DC3F	L.E.D.	ROHM
	D469	SLH-34VC3F	L.E.D.	ROHM
	D501	1SS133	SILICON	ROHM
	D502	1SS133	SILICON	ROHM
	D503	1SS133	SILICON	ROHM
	D504	MTZ9.1C	ZENER	ROHM
	D505	MTZ5.6C	ZENER	ROHM
	D551	11E2FA-9	SILICON	NIHONINTER
	D552	11E2FA-9	SILICON	NIHONINTER
	D553	11E2FA-9	SILICON	NIHONINTER
	D554	11E2FA-9	SILICON	NIHONINTER
	D555	S3V20F	SILICON	

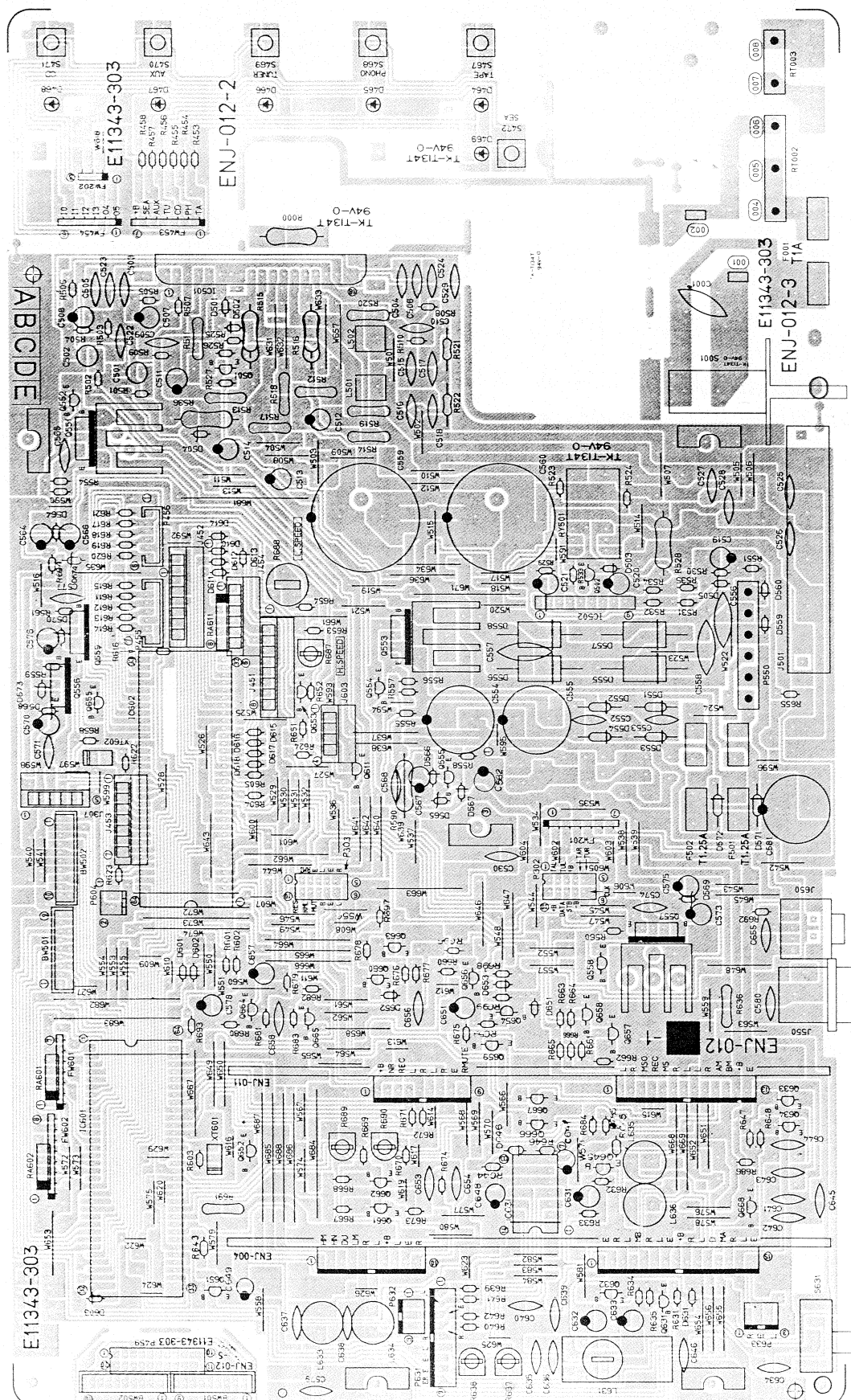
DIODES

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
MAKER				
	D556	S3V20F	SILICON	
	D557	S3V20F	SILICON	
	D558	S3V20F	SILICON	
	D559	1SS133	SILICON	ROHM
	D560	1SS133	SILICON	ROHM
	D564	MTZ11C	ZENER	ROHM
	D565	MTZ12C	ZENER	ROHM
	D566	1SS133	SILICON	ROHM
	D567	1SS133	SILICON	ROHM
	D568	MTZ6.2C	ZENER	ROHM
	D569	MTZ13C	ZENER	ROHM
	D570	MTZ5.6C	ZENER	ROHM
	D571	11E2FA9	SILICON	NIHONINTER
	D572	11E2FA9	SILICON	NIHONINTER
	D573	MTZ6.8C	ZENER	ROHM
	D574	MTZ6.8C	ZENER	ROHM
	D601	1SS133	SILICON	ROHM
	D602	1SS133	SILICON	ROHM
	D603	1SS133	SILICON	ROHM
	D610	1SS133	SILICON	ROHM
	D611	1SS133	SILICON	ROHM
	D612	1SS133	SILICON	ROHM
	D613	1SS133	SILICON	ROHM
	D614	1SS133	SILICON	ROHM
	D615	1SS133	SILICON	ROHM
	D616	1SS133	SILICON	ROHM
	D617	1SS133	SILICON	ROHM
	D618	1SS133	SILICON	ROHM
	D631	1SS133	SILICON	ROHM
	D646	1SS133	SILICON	ROHM
	D651	1SS133	SILICON	ROHM
	D652	1SS133	SILICON	ROHM
	D653	1SS133	SILICON	ROHM

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
	C001	QCZ9019-472	4700PF 125V	CERAMIC
	C001	QCZ9019-472	4700PF 400V	CERAMIC
	C001	QCZ9019-472	4700PF 400V	CERAMIC
	C001	QCZ9019-472BS	4700PF 400V	CERAMIC
	C501	QFV81HJ-104	0.1MF 50V	T. FILM
	C502	QFV81HJ-104	0.1MF 50V	T. FILM
	C503	QCS21HJ-101	100PF 50V	CERAMIC
	C504	QCS21HJ-101	100PF 50V	CERAMIC
	C505	QCS21HJ-820	82PF 50V	CERAMIC
	C506	QCS21HJ-820	82PF 50V	CERAMIC
	C507	QETB1AM-476	47MF 10V	ELECTRO
	C508	QETB1AM-476	47MF 10V	ELECTRO
	C509	QCS21HJ-100	10PF 50V	CERAMIC
	C510	QCS21HJ-100	10PF 50V	CERAMIC
	C511	QETB1HM-226	22MF 50V	ELECTRO
	C512	QETB1HM-226	22MF 50V	ELECTRO
	C513	QETB1HM-107	100MF 50V	ELECTRO
	C514	QETB1HM-107	100MF 50V	ELECTRO
	C515	QFV81HJ-104	0.1MF 50V	T. FILM
	C516	QFV81HJ-104	0.1MF 50V	T. FILM
	C517	QFV81HJ-104	0.1MF 50V	T. FILM
	C518	QFV81HJ-104	0.1MF 50V	T. FILM
	C519	QETB1HM-105	1MF 50V	ELECTRO
	C520	QETB1CM-226	22MF 16V	ELECTRO
	C521	QETB1AM-476	47MF 10V	ELECTRO
	C522	QCS21HJ-101	100PF 50V	CERAMIC
	C523	QCS21HJ-220	22PF 50V	CERAMIC
	C524	QCS21HJ-220	22PF 50V	CERAMIC
	C525	QCS21HJ-330	33PF 50V	CERAMIC
	C526	QCS21HJ-330	33PF 50V	CERAMIC
	C529	QCY21HK-102	1000PF 50V	CERAMIC
	C530	QCF21HP-103	0.01MF 50V	CERAMIC
	C552	QCF21HP-103	0.01MF 50V	CERAMIC
	C553	QCF21HP-103	0.01MF 50V	CERAMIC
	C554	QETB1EM-228	2200MF 25V	ELECTRO
	C555	QETB1EM-338	3300MF 25V	ELECTRO
	C556	QCE22HP-103	0.01MF 500V	CERAMIC
	C557	QCE22HP-103	0.01MF 500V	CERAMIC
	C558	QCE22HP-103	0.01MF 500V	CERAMIC
	C559	QEZ0061-478	4700MF 50V	NON POLE
	C560	QEZ0061-478	4700MF 50V	NON POLE
	C564	QETB1CM-226	22MF 16V	ELECTRO
	C565	QCF21HP-103	0.01MF 50V	CERAMIC
	C566	QETB1CM-336	22MF 16V	ELECTRO

Varies



DR-E22BK
DR-E22LBK

DR-E22BK
DR-E22LBK

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	C567	QETB1EM-106	10MF	25V	ELECTRO	
	C568	QCF21HP-103	0.01MF	50V	CERAMIC	
	C570	QETB1AM-476	47MF	10V	ELECTRO	
	C571	QCF21HP-103	0.01MF	50V	CERAMIC	
	C573	QETB1CM-227	220MF	16V	ELECTRO	
	C574	QCF21HP-103	0.01MF	50V	CERAMIC	
	C575	QETB1CM-226	22MF	16V	ELECTRO	
	C576	QETB1AM-476	47MF	10V	ELECTRO	
	C577	QCF21HP-103	0.01MF	50V	CERAMIC	
	C578	QETB1AM-476	47MF	10V	ELECTRO	
	C575	QCF21HP-103	0.01MF	50V	CERAMIC	
	C580	QCF21HP-103	0.01MF	50V	CERAMIC	
	C581	QETB1EM-338	3300MF	25V	ELECTRO	
	C581	QETB1EM-106	10MF	25V	ELECTRO	
	C631	QETB1HM-105	1MF	50V	ELECTRO	
	C632	QETB1HM-105	1MF	50V	ELECTRO	
	C633	QETB1EM-106	10MF	25V	ELECTRO	
	C634	QCS21HJ-471	470PF	50V	CERAMIC	
	C635	QCS21HJ-101	100PF	50V	CERAMIC	
	C636	QCS21HJ-101	100PF	50V	CERAMIC	
	C637	QCS21HJ-101	100PF	50V	CERAMIC	
	C638	QCS21HJ-101	100PF	50V	CERAMIC	
	C639	QCY21HK-102	1000PF	50V	CERAMIC	
	C640	QCY21HK-102	1000PF	50V	CERAMIC	
	C641	QCS21HJ-470	47PF	50V	CERAMIC	
	C642	QCS21HJ-470	47PF	50V	CERAMIC	
	C643	QCS21HJ-331	330PF	50V	CERAMIC	
	C644	QCS21HJ-331	330PF	50V	CERAMIC	
	C645	QCF21HP-103	0.01MF	50V	CERAMIC	F
	C646	QCS21HJ-101	100PF	50V	CERAMIC	F
	C647	QETB1EM-106	10MF	25V	ELECTRO	
	C648	QETB1EM-106	10MF	25V	ELECTRO	
	C649	QETB1EM-106	10MF	25V	ELECTRO	
	C651	QETB1HM-225	2.2MF	50V	ELECTRO	
	C653	QCY21HK-122	1200PF	50V	CERAMIC	
	C654	QCY21HK-122	1200PF	50V	CERAMIC	
	C655	QCS21HJ-101	100PF	50V	CERAMIC	
	C656	QCF21HP-102	1000PF	50V	CERAMIC	
	C657	QETB1HM-105	1MF	50V	ELECTRO	
	C658	QCF21HP-223	0.022MF	50V	CERAMIC	

RESISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	R453	QRD161J-271	270	1/6W	CARBON	
	R454	QRD161J-271	270	1/6W	CARBON	
	R455	QRD161J-271	270	1/6W	CARBON	
	R456	QRD161J-271	270	1/6W	CARBON	
	R457	QRD161J-271	270	1/6W	CARBON	
	R458	QRD161J-271	270	1/6W	CARBON	
	R501	QRD161J-102	1K	1/6W	CARBON	
	R502	QRD161J-102	1K	1/6W	CARBON	
	R503	QRD161J-104	100K	1/6W	CARBON	
	R504	QRD161J-104	100K	1/6W	CARBON	
	R505	QRD161J-471	470	1/6W	CARBON	
	R506	QRD161J-471	470	1/6W	CARBON	
	R507	QRD161J-471	470	1/6W	CARBON	
	R508	QRD161J-471	470	1/6W	CARBON	
	R509	QRD161J-104	100K	1/6W	CARBON	
Δ	R510	QRD161J-104	100K	1/6W	CARBON	
Δ	R511	QRD14CJ-272S	2.7K	1/4W	UNF. CARBON	
Δ	R512	QRD14CJ-272S	2.7K	1/4W	UNF. CARBON	
Δ	R513	QRD14CJ-272S	2.7K	1/4W	UNF. CARBON	
Δ	R514	QRD14CJ-272S	2.7K	1/4W	UNF. CARBON	
Δ	R515	QRX022J-R22AM	0.22	2W	M. FILM	
Δ	R516	QRX022J-R22AM	0.22	2W	M. FILM	
Δ	R517	QRZ0077-101	100	1/4W	FUSIBLE	
Δ	R518	QRZ0077-100	10	1/4W	FUSIBLE	
Δ	R519	QRD14CJ-100S	10	1/4W	UNF. CARBON	
Δ	R520	QRD14CJ-100S	10	1/4W	UNF. CARBON	
Δ	R521	QRD145J-100S	10	1/4W	UNF. CARBON	
Δ	R522	QRD145J-100S	10	1/4W	UNF. CARBON	
	R523	QRD161J-823	82K	1/6W	CARBON	
	R524	QRD161J-104	100K	1/6W	CARBON	
Δ	R525	QRD161J-103	10K	1/6W	CARBON	
Δ	R526	QRD161J-333	33K	1/6W	CARBON	
Δ	R527	QRD161J-103	10K	1/6W	CARBON	
Δ	R528	QRG022J-391AM	390	2W	O.M. FILM	
Δ	R529	QRD161J-104	100K	1/6W	CARBON	
	R530	QRD161J-103	10K	1/6W	CARBON	
	R531	QRD161J-473	47K	1/6W	CARBON	
	R532	QRD161J-563	56K	1/6W	CARBON	
	R533	QRD161J-223	22K	1/6W	CARBON	

RESISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
Δ	R534	QRD161J-274	270K	1/6W	CARBON	
	R535	QRD161J-223	22K	1/6W	CARBON	
	R536	QRG022J-152A	1.5K	2W	O.M.FILM	
	R551	QRD161J-103	10K	1/6W	CARBON	
	R554	QRD161J-332	3.3K	1/6W	CARBON	
	R555	QRD161J-103	10K	1/6W	CARBON	
	R556	QRD161J-332	3.3K	1/6W	CARBON	
	R557	QRD161J-332	3.3K	1/6W	CARBON	
	R558	QRD161J-472	4.7K	1/6W	CARBON	
	R559	QRD161J-102	1K	1/6W	CARBON	
	R560	QRD161J-332	3.3K	1/6W	CARBON	
	R561	QRD161J-102	1K	1/6W	CARBON	
	R601	QRD161J-223	22K	1/6W	CARBON	
	R602	QRD161J-223	22K	1/6W	CARBON	
	R603	QRD161J-105	1M	1/6W	CARBON	
	R604	QRD161J-223	22K	1/6W	CARBON	
	R605	QRD161J-223	22K	1/6W	CARBON	
	R611	QRD161J-271	270	1/6W	CARBON	
	R612	QRD161J-271	270	1/6W	CARBON	
	R613	QRD161J-271	270	1/6W	CARBON	
	R614	QRD161J-271	270	1/6W	CARBON	
	R615	QRD161J-271	270	1/6W	CARBON	
	R616	QRD161J-271	270	1/6W	CARBON	
	R617	QRD161J-271	270	1/6W	CARBON	
	R618	QRD161J-271	270	1/6W	CARBON	
	R619	QRD161J-271	270	1/6W	CARBON	
	R620	QRD161J-271	270	1/6W	CARBON	
	R621	QRD161J-271	270	1/6W	CARBON	
	R622	QRD161J-105	1M	1/6W	CARBON	
	R623	QRD161J-561	560	1/6W	CARBON	
	R624	QRD161J-102	1K	1/6W	CARBON	
	R631	QRD161J-332	3.3K	1/6W	CARBON	
	R632	QRD161J-222	2.2K	1/6W	CARBON	
	R633	QRD161J-104	100K	1/6W	CARBON	
	R634	QRD161J-102	1K	1/6W	CARBON	
Δ	R635	QRD161J-331	330	1/6W	CARBON	
	R636	QRZ0077-150	15	1/4W	FUSIBLE	
	R637	QVZ3518-224	220K	0.1W	VARIABLE	
	R638	QVZ3518-224	220K	0.1W	VARIABLE	
	R639	QRD161J-473	47K	1/6W	CARBON	
	R640	QRD161J-473	47K	1/6W	CARBON	
	R641	QRD161J-100	10	1/6W	CARBON	
	R642	QRD161J-100	10	1/6W	CARBON	
	R643	QRD167J-102	1K	1/6W	CARBON	
	R644	QRD167J-222	2.2K	1/6W	CARBON	
	R645	QRD167J-562	5.6K	1/6W	CARBON	
	R646	QRD167J-471	470	1/6W	CARBON	
	R647	QRD161J-473	47K	1/6W	CARBON	
	R648	QRD161J-473	47K	1/6W	CARBON	
	R651	QRD161J-394	390K	1/6W	CARBON	
	R652	QRD161J-224	220K	1/6W	CARBON	
	R653	QRD161J-472	4.7K	1/6W	CARBON	
	R654	QRD161J-472	4.7K	1/6W	CARBON	
	R655	QRD161J-104	100K	1/6W	CARBON	
	R658	QRD161J-223	22K	1/6W	CARBON	
	R659	QRD161J-473	47K	1/6W	CARBON	
	R660	QRD161J-223	22K	1/6W	CARBON	
	R661	QRD161J-103	10K	1/6W	CARBON	
	R662	QRD161J-103	10K	1/6W	CARBON	
	R663	QRD161J-392	3.9K	1/6W	CARBON	
	R664	QRD161J-392	3.9K	1/6W	CARBON	
	R665	QRD161J-103	10K	1/6W	CARBON	
	R666	QRD161J-103	10K	1/6W	CARBON	
	R667	QRD161J-103	10K	1/6W	CARBON	
	R668	QRD161J-103	10K	1/6W	CARBON	
	R669	QRD161J-103	10K	1/6W	CARBON	
	R670	QRD161J-103	10K	1/6W	CARBON	
	R671	QRD161J-103	10K	1/6W	CARBON	
	R672	QRD161J-103	10K	1/6W	CARBON	
	R673	QRD161J-473	47K	1/6W	CARBON	
	R674	QRD161J-473	47K	1/6W	CARBON	
	R675	QRD161J-473	47K	1/6W	CARBON	
	R676	QRD161J-473	47K	1/6W	CARBON	
	R677	QRD161J-223	22K	1/6W	CARBON	
	R678	QRD161J-473	47K	1/6W	CARBON	
	R679	QRD161J-333	33K	1/6W	CARBON	
	R680	QRD161J-223	22K	1/6W	CARBON	
	R681	QRD161J-105	1M	1/6W	CARBON	
	R682	QRD161J-103	10K	1/6W	CARBON	
	R683	QRD161J-105	1M	1/6W	CARBON	
	R684	QRD161J-473	47K	1/6W	CARBON	
	R685	QRD161J-473	47K	1/6W	CARBON	
	R686	QRD161J-223	22K	1/6W	CARBON	
	R687	QVZ3518-103	10K	0.1W	VARIABLE	
	R688	QVP4A0B-472	4.7K	0.15W	VARIABLE	

RESISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
Δ	R689	QVZ3518-473	4.7K	0.1W	VARIABLE	
	R690	QVZ3518-473	4.7K	0.1W	VARIABLE	
	R691	QRZ0077-220	22	1/4W	FUSIBLE	
	R692	QRD161J-102	1K	1/6W	CARBON	
	R693	QRD161J-222	2.2K	1/6W	CARBON	
	R694	QRD161J-473	47K	1/6W	CARBON	
	R696	QRD148J-221S	220	1/4W	CARBON	
	R697	QRD148J-222S	2.2K	1/4W	CARBON	
	R698	QRD148J-102S	1K	1/4W	CARBON	
	R699	QRD148J-104S	100K	1/4W	CARBON	
	RA601	QRB035J-223	22K	3W	R. NETWORK	
	RA602	QRB035J-223	22K	3W	R. NETWORK	
	RA611	QRB045J-474	470K	4W	R. NETWORK	

OTHERS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
		EMG7331-001	FUSE CLIP			
		EMG7331-001	FUSE CLIP			
		ENJ-004E	EQUALIZER MODULE UNIT			
		ENJ-011A	NR MODULE UNIT			
		E11343-203	CIRCUIT BOARD		C	
		E11343-303	CIRCUIT BOARD		E	
		E11343-303BS	CIRCUIT BOARD		F	
		E65508-002	TAB		DBS	
		E70859-001	EARTH PLATE			
		E70859-001	EARTH PLATE			
		E70859-001	EARTH PLATE		F	
		E70945-H25	HEAT SINK			
		E70945-H35	HEAT SINK			
		E70945-H35	HEAT SINK			
		SBSB3010Z	T. SCREW			
		SBSB3010Z	T. SCREW			
		SBSB3010Z	T. SCREW			
J307		EMV7112-005	SOCKET			
J451		EMV7112-008	SOCKET			

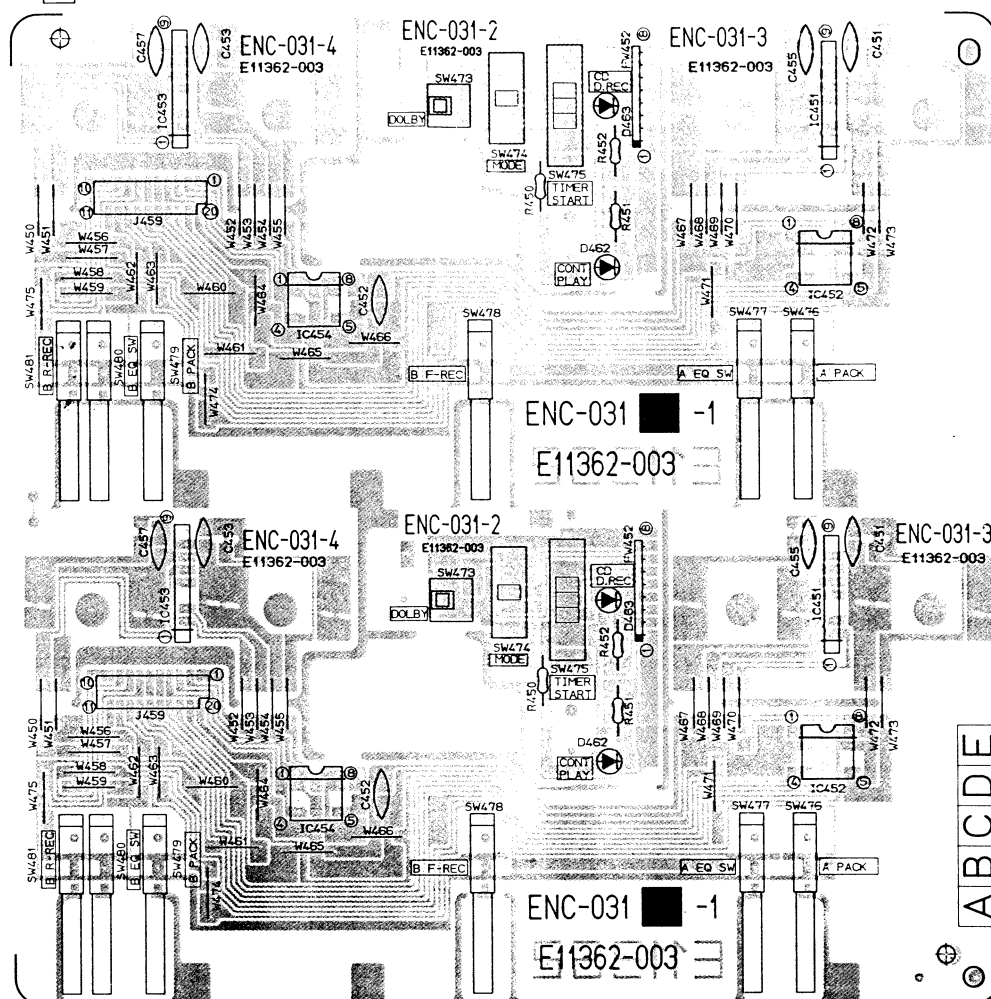
Δ: SAFETY PARTS

OTHERS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	J452	EMV7112-008	SOCKET			

■ ENC-031 **A** Motor PC Board Ass'y

Note : ENC-031 **3** Varies according to the areas employed. See note (1) when placing an order.



I.C.S

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
			MARKER	
	IC451	BA6208	I.C.	ROHM
	IC452	LB1639	I.C.	SANYO
	IC453	BA6208	I.C.	ROHM
	IC454	LB1639	I.C.	SANYO

DIODES

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
			MARKER	
	D462	SLH-56MC50F130	L.E.D.	ROHM
	D463	SLH-56VC50F130	L.E.D.	ROHM

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
	C451	QCF21HP-223	0.022MF 50V	CERAMIC
	C452	QCF21HP-223	0.022MF 50V	CERAMIC
	C453	QCF21HP-223	0.022MF 50V	CERAMIC
	C455	QCF21HP-223	0.022MF 50V	CERAMIC
	C457	QCF21HP-223	0.022MF 50V	CERAMIC

RESISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
	R450	QRD148J-222S	2.2K 1/4W	CARBON
	R451	QRD148J-271S	270 1/4W	CARBON
	R452	QRD148J-271S	270 1/4W	CARBON

OTHERS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
	J459	E11362-003	CIRCUIT BOARD	
	SW473	EMV7118-020R	20P JACK ASS'Y	
	SW474	OSP2256-001	PUSH SWITCH	
	SW475	QSS1F22-E02	SLIDE SWITCH	
		QSS23C1-011	SLIDE SWITCH	
	SW476	ESB1100-003	LEAF SWITCH	
	SW477	ESB1100-003	LEAF SWITCH	
	SW478	ESB1100-003	LEAF SWITCH	
	SW479	ESB1100-003	LEAF SWITCH	
	SW480	ESB1100-003	LEAF SWITCH	
	SW481	ESB1100-003	LEAF SWITCH	

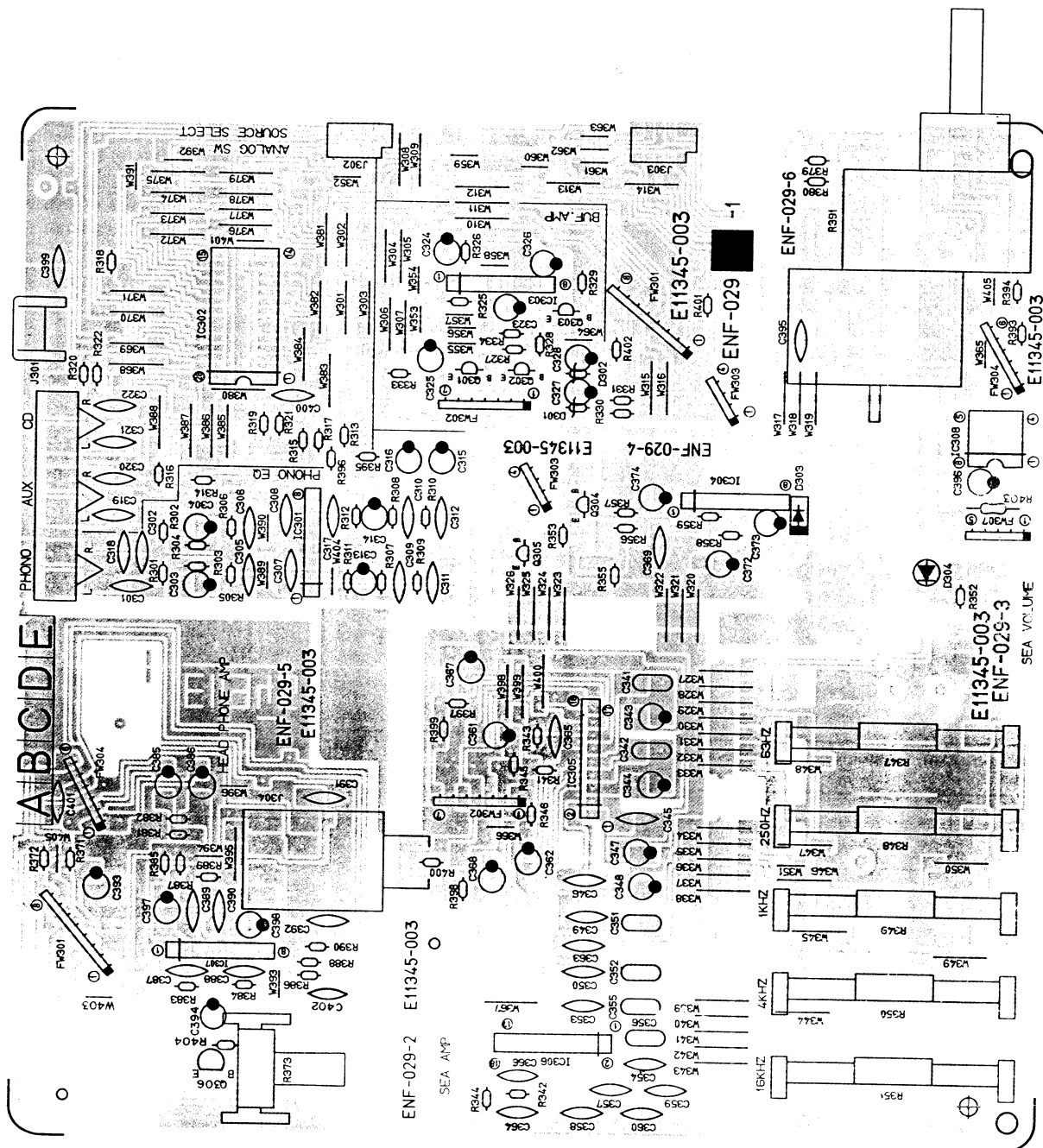
Δ: SAFETY PARTS

■ ENF-029 ☐ SEA & Source Selector PC Board Ass'y

Note : ENF-029 ☐ Varies according to the areas employed. See note (1) when placing an order.

Note (1)

PC Board Ass'y	Designated Areas
ENF-029 <input type="checkbox"/> A	Europe, Australia, U.K., U.S. Military Market & Other Countries
ENF-029 <input type="checkbox"/> B	West Germany



TRANSISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				MARKER	
	Q301	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q302	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q303	2SA564A(Q,R)	SILICON	MATSUSHITA	
	Q304	2SC1685(Q,R)	SILICON	MATSUSHITA	
	Q305	DTA144EN	SILICON	ROHM	
	Q306	2SC1740(R,S)	SILICON	ROHM	

I.C.S

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				MARKER	
	IC301	M5218L-R	I.C.	MITSUBISHI	
	IC302	TC9164N	I.C.	TOSHIBA	
	IC303	M5218L	I.C.	MITSUBISHI	
	IC304	UPC1490HA	I.C.	NEC	
	IC305	BA3812L	I.C.	ROHM	
	IC306	BA3812L	I.C.	ROHM	
	IC307	M5218L	I.C.	MITSUBISHI	
	IC308	LB1639	I.C.	SANYO	

DIODES

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				MARKER	
	D301	MTZ6.8C	ZENER	ROHM	
	D302	MTZ6.8C	ZENER	ROHM	
	D303	PD49PI	SILICON	SHARP	
	D304	SLH-56VC50F130	L.E.D.	ROHM	

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	C301	QCF21HP-103	0.01MF	50V	CERAMIC	B
	C302	QCF21HP-103	0.01MF	50V	CERAMIC	B
	C303	QETB1HM-225	2.2MF	50V	ELECTRO	
	C304	QETB1HM-225	2.2MF	50V	ELECTRO	
	C305	QCS21HJ-101	100PF	50V	CERAMIC	
	C306	QCS21HJ-101	100PF	50V	CERAMIC	
	C307	QCS21HJ-101	100PF	50V	CERAMIC	
	C308	QCS21HJ-101	100PF	50V	CERAMIC	
	C309	QCY21HK-182	1800PF	50V	CERAMIC	
	C310	QCY21HK-182	1800PF	50V	CERAMIC	
	C311	QCY21HK-682	6800PF	50V	CERAMIC	
	C312	QCY21HK-682	6800PF	50V	CERAMIC	
	C313	QETB1CM-476	47MF	16V	ELECTRO	
	C314	QETB1CM-476	47MF	16V	ELECTRO	
	C315	QETB1HM-225	2.2MF	50V	ELECTRO	
	C316	QETB1HM-225	2.2MF	50V	ELECTRO	
	C317	QCF21HP-473	0.047MF	50V	CERAMIC	
	C318	QCF21HP-223	0.022MF	50V	CERAMIC	
	C319	QCS21HJ-101	100PF	50V	CERAMIC	B
	C320	QCS21HJ-101	100PF	50V	CERAMIC	B
	C321	QCS21HJ-101	100PF	50V	CERAMIC	B
	C322	QCS21HJ-101	100PF	50V	CERAMIC	B
	C323	QETB1HM-225	2.2MF	50V	ELECTRO	
	C324	QETB1HM-225	2.2MF	50V	ELECTRO	
	C325	QETB1HM-225	2.2MF	50V	ELECTRO	
	C326	QETB1HM-225	2.2MF	50V	ELECTRO	
	C327	QETB1AM-107	100MF	10V	ELECTRO	
	C328	QETB1AM-107	100MF	10V	ELECTRO	
	C341	QFN81HJ-273	0.027MF	50V	MYLAR	
	C342	QFN81HJ-273	0.027MF	50V	MYLAR	
	C343	QETB1HM-225	2.2MF	50V	ELECTRO	
	C344	QETB1HM-225	2.2MF	50V	ELECTRO	
	C345	QCY21HK-822	8200PF	50V	CERAMIC	
	C346	QCY21HK-822	8200PF	50V	CERAMIC	
	C347	QETB1HM-474	0.47MF	50V	ELECTRO	
	C348	QETB1HM-474	0.47MF	50V	ELECTRO	
	C349	QCY21HK-222	2200PF	50V	CERAMIC	
	C350	QCY21HK-222	2200PF	50V	CERAMIC	
	C351	QFV81HJ-124	0.12MF	50V	T. FILM	
	C352	QFV81HJ-124	0.12MF	50V	T. FILM	
	C353	QCS21HJ-471	470PF	50V	CERAMIC	
	C354	QCS21HJ-471	470PF	50V	CERAMIC	
	C355	QFN81HJ-333	0.033MF	50V	MYLAR	
	C356	QFN81HJ-333	0.033MF	50V	MYLAR	

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	C357	QCS21HJ-121	120PF	50V	CERAMIC	
	C358	QCS21HJ-121	120PF	50V	CERAMIC	
	C359	QCY21HK-822	8200PF	50V	CERAMIC	
	C360	QCY21HK-822	8200PF	50V	CERAMIC	
	C361	QETB1HM-225	2.2MF	50V	ELECTRO	
	C362	QETB1HM-225	2.2MF	50V	ELECTRO	
	C363	QCS21HJ-331	330PF	50V	CERAMIC	
	C364	QCS21HJ-331	330PF	50V	CERAMIC	
	C365	QCS21HJ-101	100PF	50V	CERAMIC	
	C366	QCS21HJ-101	100PF	50V	CERAMIC	
	C367	QETB1EM-106	10MF	25V	ELECTRO	
	C368	QETB1EM-106	10MF	25V	ELECTRO	
	C369	QCS21HJ-331	330PF	50V	CERAMIC	
	C372	QETB1HM-105	1MF	50V	ELECTRO	
	C373	QETB1HM-475	4.7MF	50V	ELECTRO	
	C374	QETB1CM-476	47MF	16V	ELECTRO	
	C385	QETB1HM-225	2.2MF	50V	ELECTRO	
	C386	QETB1HM-225	2.2MF	50V	ELECTRO	
	C387	QCS21HJ-560	56PF	50V	CERAMIC	
	C388	QCS21HJ-560	56PF	50V	CERAMIC	
	C389	QCS21HJ-101	100PF	50V	CERAMIC	
	C390	QCS21HJ-101	100PF	50V	CERAMIC	
	C391	QCS21HJ-221	220PF	50V	CERAMIC	B
	C392	QCS21HJ-221	220PF	50V	CERAMIC	B
	C394	QETB1CM-107	100MF	16V	ELECTRO	
	C395	QCF21HP-473	0.047MF	50V	CERAMIC	
	C396	QETB1CM-476	47MF	16V	ELECTRO	
	C397	QETB1CM-476	47MF	16V	ELECTRO	
	C398	QETB1CM-476	47MF	16V	ELECTRO	
	C399	QCF21HP-103	0.01MF	50V	CERAMIC	
	C400	QCF21HP-103	0.01MF	50V	CERAMIC	
	C401	QCF21HP-223	0.022MF	50V	CERAMIC	
	C402	QCF21HP-103	0.01μF	50V	CERAMIC	

RESISTORS

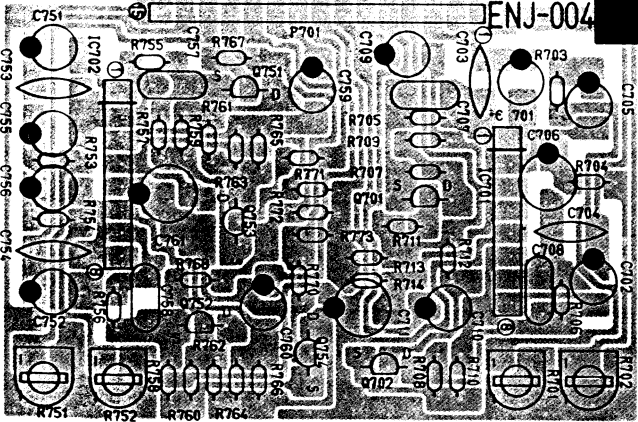
Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	R301	QRD161J-104	100K	1/6W	CARBON	
	R302	QRD161J-104	100K	1/6W	CARBON	
	R303	QRD161J-272	2.7K	1/6W	CARBON	
	R304	QRD161J-272	2.7K	1/6W	CARBON	
	R305	QRD161J-104	100K	1/6W	CARBON	
	R306	QRD161J-104	100K	1/6W	CARBON	
	R307	QRD161J-393	39K	1/6W	CARBON	
	R308	QRD161J-393	39K	1/6W	CARBON	
	R309	QRD161J-474	470K	1/6W	CARBON	
	R310	QRD161J-474	470K	1/6W	CARBON	
	R311	QRD161J-102	1K	1/6W	CARBON	
	R312	QRD161J-102	1K	1/6W	CARBON	
	R313	QRD161J-102	1K	1/6W	CARBON	
	R314	QRD161J-102	1K	1/6W	CARBON	
	R315	QRD161J-223	22K	1/6W	CARBON	
	R316	QRD161J-223	22K	1/6W	CARBON	
	R317	QRD161J-333	33K	1/6W	CARBON	
	R318	QRD161J-333	33K	1/6W	CARBON	
	R319	QRD161J-223	22K	1/6W	CARBON	
	R320	QRD161J-223	22K	1/6W	CARBON	
	R321	QRD161J-333	33K	1/6W	CARBON	
	R322	QRD161J-333	33K	1/6W	CARBON	
	R325	QRD161J-184	180K	1/6W	CARBON	
	R326	QRD161J-184	180K	1/6W	CARBON	
	R327	QRD161J-223	22K	1/6W	CARBON	
	R328	QRD161J-223	22K	1/6W	CARBON	
	R329	QRD161J-103	10K	1/6W	CARBON	
	R330	QRD161J-221	220	1/6W	CARBON	
	R331	QRD161J-221	220	1/6W	CARBON	
	R333	QRD161J-222	2.2K	1/6W	CARBON	
	R334	QRD161J-222	2.2K	1/6W	CARBON	
	R341	QRD161J-392	3.9K	1/6W	CARBON	
	R342	QRD161J-392	3.9K	1/6W	CARBON	
	R343	QRD161J-392	3.9K	1/6W	CARBON	
	R344	QRD161J-392	3.9K	1/6W	CARBON	
	R345	QRD161J-102	1K	1/6W	CARBON	
	R346	QRD161J-102	1K	1/6W	CARBON	
	R347	QVUB06W-E158			VARIABLE	
	R348	QVUB06W-E158			VARIABLE	
	R349	QVUB06W-E158			VARIABLE	
	R350	QVUB06W-E158			VARIABLE	
	R351	QVUB06W-E158			VARIABLE	
	R352	QRD161J-331	330	1/6W	CARBON	
	R353	QRD161J-104	100K	1/6W	CARBON	

Δ: SAFETY PARTS

RESISTORS

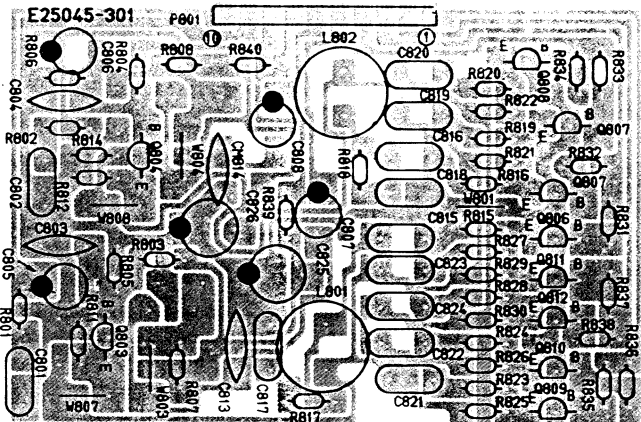
Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	R355	QRD161J-560	56	1/6W	CARBON	
	R356	QRD161J-223	22K	1/6W	CARBON	
	R357	QRD161J-104	100K	1/6W	CARBON	
	R358	QRD161J-4R7	4.7	1/6W	CARBON	
	R359	QRD161J-164	160K	1/6W	CARBON	
	R371	QRD161J-682	6.8K	1/6W	CARBON	
	R372	QRD161J-682	6.8K	1/6W	CARBON	
	R373	QVDA96W-E15B	100K		VARIABLE	
	R379	QRD161J-103	10K	1/6W	CARBON	
	R380	QRD161J-103	10K	1/6W	CARBON	
	R381	QRD161J-393	39K	1/6W	CARBON	
	R382	QRD161J-393	39K	1/6W	CARBON	
	R383	QRD161J-393	39K	1/6W	CARBON	
	R384	QRD161J-393	39K	1/6W	CARBON	
	R385	QRD161J-102	1K	1/6W	CARBON	
	R386	QRD161J-102	1K	1/6W	CARBON	
	R387	QRD161J-102	1K	1/6W	CARBON	
	R388	QRD161J-102	1K	1/6W	CARBON	
	R389	QRD161J-560	56	1/6W	CARBON	
	R390	QRD161J-560	56	1/6W	CARBON	
	R391	QVDB91B-E15B	100K(B)		VARIABLE	
	R393	QRD161J-102	1K	1/6W	CARBON	
	R394	QRD161J-102	1K	1/6W	CARBON	
	R395	QRD161J-224	220K	1/6W	CARBON	
	R396	QRD161J-224	220K	1/6W	CARBON	
	R397	QRD161J-104	100K	1/6W	CARBON	
	R398	QRD161J-104	100K	1/6W	CARBON	
	R399	QRD161J-152	1.5K	1/6W	CARBON	
	R400	QRD161J-152	1.5K	1/6W	CARBON	
	R401	QRD161J-682	6.8K	1/6W	CARBON	
	R402	QRD161J-682	6.8K	1/6W	CARBON	
	R403	QRZ0077-100	10	1/4W	FUSIBLE	
	R404	QRD161J-223	22K	1/6W	CARBON	

■ ENJ-004 E Equalizer P.C. Board Ass'y



OTHERS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
	J301	E11345-003 E70225-002 E73467-001 FE-ZMS409 EMN00TV-602A	CIRCUIT BOARD EARTH PLATE SHIELD COVER SHIELD RING PIN JACK ASS'Y	
	J302	EMV7118-010R	10P JACK ASS'Y	
	J303	EMV7118-010R	10P JACK ASS'Y	
	J304	QMS6313-020	JACK ASS'Y	



TRANSISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				Maker	
	Q701	2SK301(P,Q)	F.E.T	MATUSHITA	
	Q702	2SK301(P,Q)	F.E.T	MATUSHITA	
	Q751	2SK301(P,Q)	F.E.T	MATUSHITA	
	Q752	2SK301(P,Q)	F.E.T	MATUSHITA	
	Q753	2SK301(P,Q)	F.E.TY	MATUSHITA	
	Q754	2SK301(P,Q)	F.E.T	MTSUSHITA	
	Q803	2SC1740LN(R,S)	SILICON	ROHM	
	Q804	2SC1740LN(R,S)	SILICON	ROHM	
	Q805	2SC1685(Q,R)	SILICON	MATUSHITA	
	Q806	2SC1685(Q,R)	SILICON	MATUSHITA	
	Q807	2SC1685(Q,R)	SILICON	MATUSHITA	
	Q808	2SC1685(Q,R)	SILICON	MATUSHITA	
	Q809	2SC1685(Q,R)	SILICON	MATUSHITA	
	Q810	2SC1655(Q,R)	SILICON	MATUSHITA	
	Q811	2SC1685(Q,R)	SILICON	MATUSHITA	
	Q812	2SC1685(Q,R)	SILICON	MATUSHITA	

Δ: SAFETY PARTS

I.C.S

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				MAKER	
	IC701	M51522L	I.C.	MITSUBISHI	
	IC702	M51522L	I.C.	MITSUBISHI	

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	C701	QEK61HM-225G	2.2MF	50V	ELECTRO	
	C702	QEK61HM-225G	2.2MF	50V	ELECTRO	
	C703	QCS21HJ-101	100PF	50V	CERAMIC	
	C704	QCS21HJ-101	100PF	50V	CERAMIC	
	C705	QETB1AM-107	100MF	10V	ELECTRO	
	C706	QETB1AM-107	100MF	10V	ELECTRO	
	C707	QFN81HJ-822	8200PF	50V	MYLAR	
	C708	QFN81HJ-822	8200PF	50V	MYLAR	
	C709	QEK61HM-105G	1MF	50V	ELECTRO	
	C710	QEK61HM-105G	1MF	50V	ELECTRO	
	C711	QEK61CM-107	100MF	16V	ELECTRO	
	C751	QEK61HM-225G	2.2MF	50V	ELECTRO	
	C752	QEK61HM-225G	2.2MF	50V	ELECTRO	
	C753	QCS21HJ-101	100PF	50V	CERAMIC	
	C754	QCS21HJ-101	100PF	50V	CERAMIC	
	C755	QETB1AM-107	100MF	10V	ELECTRO	
	C756	QETB1AM-107	100MF	10V	ELECTRO	
	C757	QFN81HJ-822	8200PF	50V	MYLAR	
	C758	QFN81HJ-822	8200PF	50V	MYLAR	
	C759	QEK61HMZ-105G	1MF	50V	ELECTRO	
	C760	QEK61HM-105G	1MF	50V	ELECTRO	
	C761	QEK61CM-107	100MF	16V	ELECTRO	
	C801	QCF21HP-473	0.047MF	50V	CERAMIC	
	C802	QCF21HP-473	0.047MF	50V	CERAMIC	
	C803	QCS21HJ-151	150PF	50V	CERAMIC	
	C804	QCS21HJ-151	150PF	50V	CERAMIC	
	C805	QETB1HM-225	2.2MF	50V	ELECTRO	
	C806	QETB1HM-225	2.2MF	50V	ELECTRO	
	C807	QEK61HM-225G	2.2MF	50V	ELECTRO	
	C808	QEK61HM-225G	2.2MF	50V	ELECTRO	
	C811	QEK61CM-106G	10MF	16V	ELECTRO	
	C812	QEK61CM-106G	10MF	16V	ELECTRO	
	C813	QCS21HJ-271	270PF	50V	CERAMIC	
	C814	QCS21HJ-271	270PF	50V	CERAMIC	
	C815	QFN81HJ-822	8200PF	50V	MYLAR	
	C816	QFN81HJ-822	8200PF	50V	MYLAR	
	C817	QFN81HJ-392	3900PF	50V	MYLAR	
	C818	QFN81HJ-392	3900PF	50V	MYLAR	
	C819	QFN81HJ-123	0.012MF	50V	MYLAR	
	C820	QFN81HJ-123	0.012MF	50V	MYLAR	
	C821	QFN81HJ-332	3300PF	50V	MYLAR	
	C822	QFN81HJ-332	3300PF	50V	MYLAR	
	C823	QFN81HJ-103	0.01MF	50V	MYLAR	
	C824	QFN81HJ-103	0.01MF	50V	MYLAR	
	C825	QEK61CM-107	100MF	16V	ELECTRO	
	C826	QEK61CM-107	100MF	16V	ELECTRO	

RESISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	R701	QVZ3518-221	220	0.1W	VARIABLE	
	R702	QVZ3518-221	220	0.1W	VARIABLE	
	R703	QRD161J-101	100	1/6W	CARBON	
	R704	QRD161J-101	100	1/6W	CARBON	
	R705	QRD161J-334	330K	1/6W	CARBON	
	R706	QRD161J-334	330K	1/6W	CARBON	
	R707	QRD161J-682	6.8K	1/6W	CARBON	
	R708	QRD161J-682	6.8K	1/6W	CARBON	
	R709	QRD161J-822	8.2K	1/6W	CARBON	
	R710	QRD161J-822	8.2K	1/6W	CARBON	
	R711	QRD161J-105	1M	1/6W	CARBON	
	R712	QRD161J-105	1M	1/6W	CARBON	
	R713	QRD161J-471	4.7K	1/6W	CARBON	
	R714	QRD161J-471	470	1/6W	CARBON	
	R751	QVZ3518-221	220	0.1W	VARIABLE	
	R752	QVZ3518-221	220	0.1W	VARIABLE	
	R753	QRD161J-101	100	1/6W	CARBON	
	R754	QRD161J-101	100	1/6W	CARBON	
	R755	QRD161J-334	330K	1/6W	CARBON	
	R756	QRD161J-334	330K	1/6W	CARBON	
	R757	QRD161J-432	4.3K	1/6W	CARBON	
	R758	QRD161J-432	4.3K	1/6W	CARBON	
	R759	QRD161J-272	2.7K	1/6W	CARBON	
	R760	QRD161J-272	2.7K	1/6W	CARBON	
	R761	QRD161J-512	5.1K	1/6W	CARBON	
	R762	QRD161J-512	5.1K	1/6W	CARBON	
	R763	QRD161J-332	3.3K	1/6W	CARBON	
	R764	QRD161J-332	3.3K	1/6W	CARBON	
	R765	QRD161J-223	22K	1/6W	CARBON	
	R766	QRD161J-223	22K	1/6W	CARBON	
	R767	QRD161J-105	1M	1/6W	CARBON	
	R768	QRD161J-105	1M	1/6W	CARBON	

RESISTORS

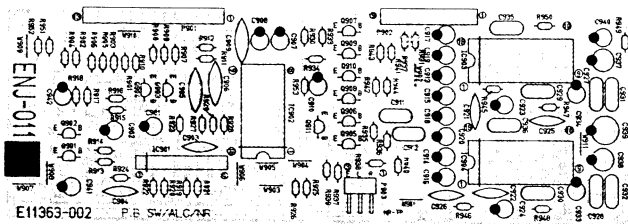
Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	R769	QRD161J-105	1M	1/6W	CARBON	
	R770	QRD161J-105	1M	1/6W	CARBON	
	R771	QRD161J-471	470	1/6W	CARBON	
	R772	QRD161J-472	4.7K	1/6W	CARBON	
	R773	QRD161J-472	4.7K	1/6W	CARBON	
	R801	QRD161J-333	33K	1/6W	CARBON	
	R802	QRD161J-333	33K	1/6W	CARBON	
	R803	QRD161J-474	470K	1/6W	CARBON	
	R804	QRD161J-474	470K	1/6W	CARBON	
	R805	QRD161J-683	68K	1/6W	CARBON	
	R806	QRD161J-683	68K	1/6W	CARBON	
	R807	QRD161J-153	15K	1/6W	CARBON	
	R808	QRD161J-153	15K	1/6W	CARBON	
	R811	QRD161J-182	1.8K	1/6W	CARBON	
	R812	QRD161J-182	1.8K	1/6W	CARBON	
	R815	QRD161J-101	100	1/6W	CARBON	
	R816	QRD161J-101	100	1/6W	CARBON	
	R817	QRD161J-330	33	1/6W	CARBON	
	R818	QRD161J-330	33	1/6W	CARBON	
	R819	QRD161J-222	2.2K	1/6W	CARBON	
	R820	QRD161J-222	2.2K	1/6W	CARBON	
	R821	QRD161J-332	3.3K	1/6W	CARBON	
	R822	QRD161J-332	3.3K	1/6W	CARBON	
	R823	QRD161J-221	220	1/6W	CARBON	
	R824	QRD161J-221	220	1/6W	CARBON	
	R825	QRD161J-104	100K	1/6W	CARBON	
	R826	QRD161J-104	100K	1/6W	CARBON	
	R827	QRD161J-221	220	1/6W	CARBON	
	R828	QRD161J-221	220	1/6W	CARBON	
	R829	QRD161J-332	3.3K	1/6W	CARBON	
	R830	QRD161J-332	3.3K	1/6W	CARBON	
	R831	QRD161J-473	47K	1/6W	CARBON	
	R832	QRD161J-473	47K	1/6W	CARBON	
	R833	QRD161J-473	47K	1/6W	CARBON	
	R834	QRD161J-473	47K	1/6W	CARBON	
	R835	QRD161J-473	47K	1/6W	CARBON	
	R836	QRD161J-473	47K	1/6W	CARBON	
	R837	QRD161J-473	47K	1/6W	CARBON	
	R838	QRD161J-473	47K	1/6W	CARBON	
	R839	QRD161J-101	100	1/6W	CARBON	
	R840	QRD161J-101	100	1/6W	CARBON	

OTHERS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
	L801	E25045-301	CIRCUIT BOARD	
	L802	EQL2106-562	INDUCTOR	
	P701	EMV5101-015B	PLUG ASSY	
	P801	EMV5101-010B	PLUG ASSY	

Δ: SAFETY PARTS

■ ENJ-011 A ALC & NR PC Board Ass'y



TRANSISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				MAKER	
	Q901	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q902	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q903	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q904	2SD1302(S,T)	SILICON	MATSUSHITA	
	Q905	2SC1740(R,S)	SILICON	ROHM	
	Q906	2SC1740(R,S)	SILICON	ROHM	
	Q907	2SC1740(R,S)	SILICON	ROHM	
	Q908	2SC1740(R,S)	SILICON	ROHM	
	Q909	2SC1740(R,S)	SILICON	ROHM	
	Q910	2SC1740(R,S)	SILICON	ROHM	
	Q911	2SC1740(R,S)	SILICON	ROHM	

I.C.S

Δ	ITEM	PART NUMBER	DESCRIPTION		AREA
				MAKER	
	IC901	M5218L	I.C.	mitsubishi	
	IC902	TC4053BP	I.C.	TOSHIBA	
	IC903	AN7363N	I.C.	MATSUSHITA	
	IC904	AN7363N	I.C.	MATSUSHITA	

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	C901	QEK61HM-105G	1MF	50V	ELECTRO	
	C902	QEK26HM-105G	1MF	50V	ELECTRO	
	C903	QCS21HJ-220	22PF	50V	CERAMIC	
	C904	QCS21HJ-220	22PF	50V	CERAMIC	
	C905	QCF21HP-223	0.022MF	50V	CERAMIC	
	C906	QCF21HP-223	0.022MF	50V	CERAMIC	
	C907	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C908	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C909	QCF21HP-223	0.022MF	50V	CERAMIC	
	C910	QEK61EM-106	10MF	25V	ELECTRO	
	C911	QCF21HP-473	0.047MF	50V	CERAMIC	
	C912	QCF21HP-472	0.047MF	50V	CERAMIC	
	C913	QEK61HM-105G	1MF	50V	ELECTRO	
	C914	QEK61HM-105G	1MF	50V	ELECTRO	
	C915	QEK61HM-105G	1MF	50V	ELECTRO	
	C916	QEK61HM-105G	1MF	50V	ELECTRO	
	C917	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C918	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C919	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C920	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C921	QCF21HP-103	0.01MF	50V	CERAMIC	
	C922	QCF21HP-103	0.01MF	50V	CERAMIC	
	C923	QEK61HM-105G	1MF	50V	ELECTRO	
	C924	QEK61HM-105G	1MF	50V	ELECTRO	
	C925	QCY21HK-122	1200PF	50V	CERAMIC	
	C926	QCY21HK-122	1200PF	50V	CERAMIC	
	C927	QFV81HJ-683	0.068MF	50V	ELECTRO	
	C928	QFV81HJ-683	0.068MF	50V	T. FILM	
	C929	QFN81HJ-272	2700PF	50V	MYLAR	

Δ: SAFETY PARTS

CAPACITORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	C930	QFN81HJ-272	2700PF	50V	MYLAR	
	C931	QFV81HJ-104	0.1MF	50V	T. FILM	
	C932	QFV81HJ-104	0.1MF	50V	T. FILM	
	C933	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C934	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C935	QFN81HJ-182	1800PF	50V	MYLAR	
	C936	QFN81HJ-182	1800PF	50V	MYLAR	
	C937	QETB1AM-107	100MF	10V	ELECTRO	
	C938	QETB1AM-107	100MF	10V	ELECTRO	
	C939	QETB1CM-107	100MF	16V	ELECTRO	
	C940	QEK61EM-106	10MF	25V	ELECTRO	
	C941	QEK61EM-475G	4.7MF	25V	ELECTRO	
	C942	QEK61EM-475G	4.7MF	25V	ELECTRO	

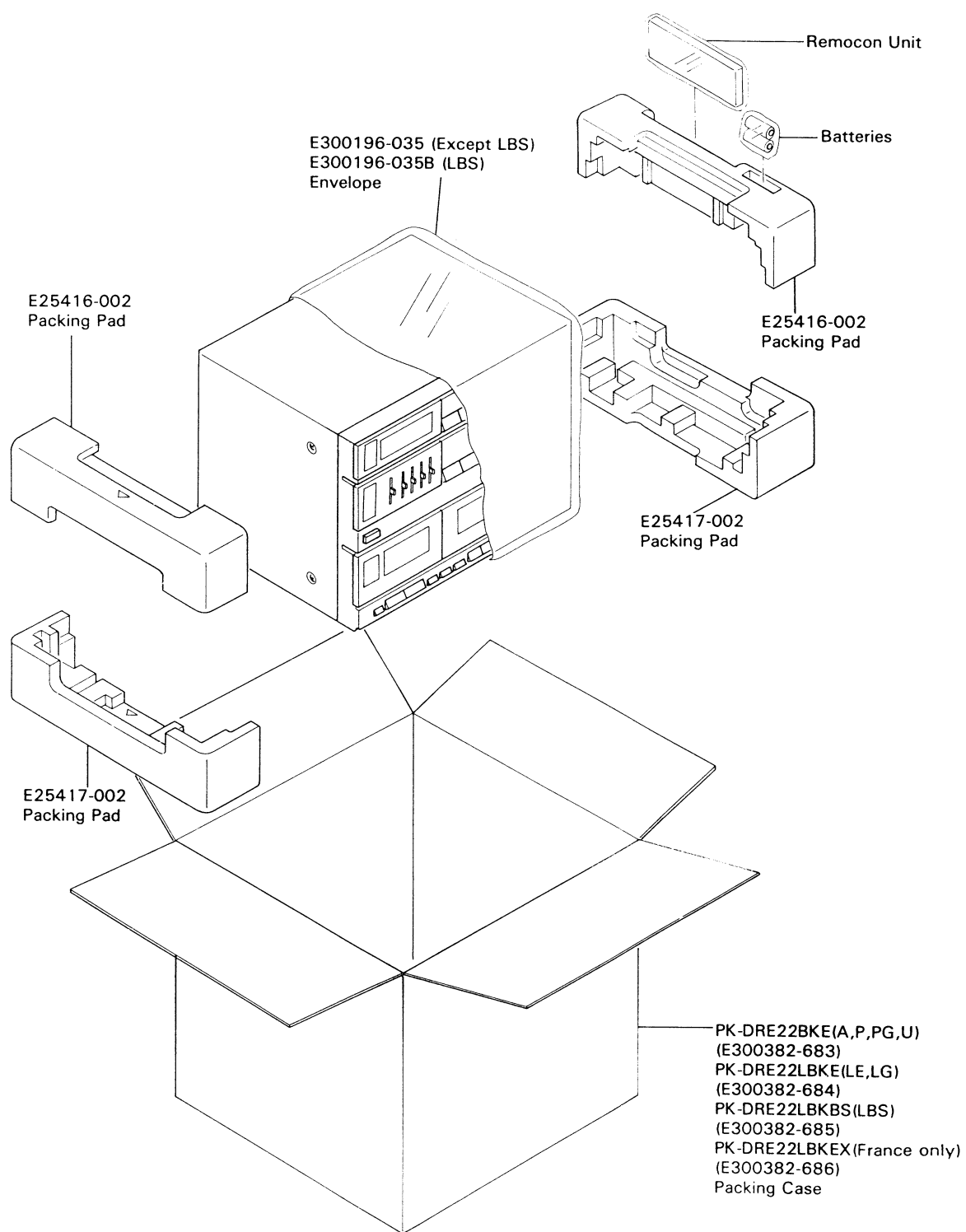
RESISTORS

Δ	ITEM	PART NUMBER	DESCRIPTION			AREA
	R901	QRD161J-562	5.6K	1/6W	CARBON	
	R902	QRD161J-562	5.6K	1/6W	CARBON	
	R903	QRD161J-103	10K	1/6W	CARBON	
	R904	QRD161J-103	10K	1/6W	CARBON	
	R905	QRD161J-223	22K	1/6W	CARBON	
	R906	QRD161J-223	22K	1/6W	CARBON	
	R907	QRD161J-562	5.6K	1/6W	CARBON	
	R908	QRD161J-562	5.6K	1/6W	CARBON	
	R909	QRD161J-103	10K	1/6W	CARBON	
	R910	QRD161J-103	10K	1/6W	CARBON	
	R911	QRD161J-223	22K	1/6W	CARBON	
	R912	QRD161J-223	22K	1/6W	CARBON	
	R913	QRD161J-223	22K	1/6W	CARBON	
	R914	QRD161J-223	22K	1/6W	CARBON	
	R915	QRD161J-223	22K	1/6W	CARBON	
	R916	QRD161J-223	22K	1/6W	CARBON	
	R917	QRD161J-102	1K	1/6W	CARBON	
	R918	QRD161J-102	1K	1/6W	CARBON	
	R919	QRD161J-104	100K	1/6W	CARBON	
	R920	QRD161J-104	100K	1/6W	CARBON	
	R921	QRD161J-472	4.7K	1/6W	CARBON	
	R922	QRD161J-472	4.7K	1/6W	CARBON	
	R923	QRD161J-104	100K	1/6W	CARBON	
	R924	QRD161J-104	100K	1/6W	CARBON	
	R925	QRD161J-104	100K	1/6W	CARBON	
	R926	QRD161J-104	100K	1/6W	CARBON	
	R927	QRD161J-104	100K	1/6W	CARBON	
	R928	QRD161J-104	100K	1/6W	CARBON	
	R929	QRD161J-104	100K	1/6W	CARBON	
	R930	QRD161J-473	47K	1/6W	CARBON	
	R931	QRD161J-223	22K	1/6W	CARBON	
	R932	QRD161J-223	22K	1/6W	CARBON	
	R933	QRD161J-272	2.7K	1/6W	CARBON	
	R934	QRD161J-272	2.7K	1/6W	CARBON	
	R935	QRD161J-153	15K	1/6W	CARBON	
	R936	QRD161J-153	15K	1/6W	CARBON	
	R937	QRD161J-104	100K	1/6W	CARBON	
	R938	QRD161J-104	100K	1/6W	CARBON	
	R939	QRD161J-392	3.9K	1/6W	CARBON	
	R940	QRD161J-392	3.9K	1/6W	CARBON	
	R941	QRD161J-223	22K	1/6W	CARBON	
	R942	QRD161J-223	22K	1/6W	CARBON	
	R943	QRD161J-561	560	1/6W	CARBON	
	R944	QRD161J-561	560	1/6W	CARBON	
	R945	QRD161J-102	1K	1/6W	CARBON	
	R946	QRD161J-102	1K	1/6W	CARBON	
	R947	QRD161J-680	68	1/6W	CARBON	
	R948	QRD161J-680	68	1/6W	CARBON	
	R949	QRD161J-103	10K	1/6W	CARBON	
	R950	QRD161J-472	4.7K	1/6W	CARBON	
	R951	QRD161J-102	1K	1/6W	CARBON	
	R952	QRD161J-102	1K	1/6W	CARBON	

OTHERS

Δ	ITEM	PART NUMBER	DESCRIPTION	AREA
		E11363-002	CIRCUIT BOARD	
	P901	EMV5101-0138	PLUG ASS'Y	
	P902	EMV5101-0098	PLUG ASS'Y	
	P903	EMV5101-0038	PLUG ASS'Y	

Packing Materials and Part Numbers



The Marks for Designated Areas			
A	..... Australia	LBS	..... U.K.
E	..... Europe	P,PG	..... U.S. Military Market
LG	..... West Germany	U	..... Other Countries

No mark indicates all areas.

Accessories List

△	Part Number	Part Name	Q'ty	Description	Areas
	E30580-1348A E30580-1348ABS BT20048B BT20029C BT20064	Instruction Book Instruction Book Warranty Card Warranty Card Warranty Card	1 1 1 1 1		Except LBS LBS P,PG A LG
	BT20060 BT20046B BT20044E QZL1008-001 BT20066	Warranty Card Service Information Safety Instruction Sheet FTZ Information EEC Agency	1 1 1 1 1		LBS P,PG J G LG,LBS
△	E04056 EQB4001-012 E304084-001 EWP502-003	Siemens Plug AM Loop Antenna Loop Stand Built-in Antenna	1 1 1 1		U,PG
	QPGA008-01905 E303919-003 E303919-004 QPGA003-00503 SBSE3008N	Poly Cover Stand Stand Envelope Screw	1 1 1 1 2	for Stand L R for Screw for Stand	
	E35497-017 E35497-019 QPGA025-03503 QPGA025-03503B E72646-002	Caution Sheet Caution Sheet Envelope Envelope Spacer Ass'y	1 1 1 1 1	110 V 220 V for Instruction Book for Instruction Book	P PG,U Except LBS LBS

△ : Safety parts

The Marks for Designated Areas

A	Australia	LBS	U.K.
LE	Europe	P, PG	U.S. Military Market
LG	West Germany	U	Other Countries

No mark indicates all areas.

3. Packing Materials Parts List

Refer to page 2-26 in the DR-E22BK/LBK Service Manual.

Parts Name	Parts Number		Areas
	DR-E22BK/LBK	DR-E5BK/LBK	
Packing Case	PK-DRE22BKE (E300382-683)	PK-DRE5BKE (E300382-720)	A, P, PG, U
	PK-DRE22LBKE (E300382-684)	PK-DRE5LBKE (E300382-721)	LE, LG
	PK-DRE22LBKBS (E300382-635)	PK-DRE5LBKBS (E300382-722)	LBS
	PK-DRE22LBKEX (E300382-686)	----- (-----)	France only
Sheet (Upper the unit)	-----	E73660-001	

4. Accessories Parts List

Refer to page 2-27 in the DR-E22BK/LBK Service Manual.

Parts Name	Parts Number		Areas
	DR-E22BK/LBK	DR-E5BK/LBK	
Instruction Book	E30580-1348A	E30580-1379A	Except LBS
	E30580-1348ABS	E30580-1379ABS	LBS
Built-in Antenna	EWP502-003	EWP502-001	Except LG
	-----	E67007-001	LG
Remote Control Unit	RM-SE22	RM-SE5	

Note: The marks for Designated Areas

A Australia
 LE Europe
 LG West Germany
 LBS U.K.
 P, PG U.S. Military Market
 U Other Countries

No mark indicates all areas.

JVC

VICTOR COMPANY OF JAPAN, LIMITED

AUDIO PRODUCTS DIVISION, YAMATO PLANT, 1644, SHIMOTSURUMA, YAMATO-SHI, KANAGAWA-KEN, 242, JAPAN

